Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045255.D
Acq On : 15 Apr 2024 21:53
Operator : MA/JU
Sample : P2036-14MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSY4MSD

Quant Time: Apr 15 22:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	57796	20.000	ng/ul	0.00
20) Naphthalene-d8	10.357	136	243009	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.233	164	150580	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	293223	20.000	ng/ul	0.00
79) Chrysene-d12	21.209	240	273186	20.000	ng/ul	0.00
88) Perylene-d12	23.409	264	344886	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	5979	3.863	ng/uL	0.00
4) Pyridine-d5	3.581	84	36115	8.581	ng/ul	0.00
7) Phenol-d5	6.769	99	26141	5.335	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	90037	30.843	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	86533	22.543	ng/ul	0.00
15) 4-Methylphenol-d8	8.298	113	52204	13.612	ng/ul	0.00
21) Nitrobenzene-d5	8.745	128	58901	31.555	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	62164	31.552	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.987	165	106095	29.371	ng/ul	0.00
31) 4-Chloroaniline-d4	10.516	131	150102	26.100	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	366852	34.990	ng/ul	0.00
49) Acenaphthylene-d8	13.927	160	403087	32.544	ng/ul	0.00
54) 4-Nitrophenol-d4	14.480	143	10561	4.827	ng/ul	0.00
60) Fluorene-d10	15.239	176	298949	31.983	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	53148	30.570	ng/ul	0.00
73) Anthracene-d10	17.098	188	444919	33.730	ng/ul	0.00
81) Pyrene-d10	19.404	212	509349	37.865	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.268	264	588039	34.951	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	9856	6.098	ng/uL	88
5) Pyridine	3.599	79	39053	8.757	ng/ul	97
6) Benzaldehyde	6.751	77	86610	38.132	ng/ul	97
8) Phenol	6.798	94	28152	5.548	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.034	93	115045	29.053	ng/ul	96
12) 2-Chlorophenol	7.151	128	90946	22.579	ng/ul	96
13) 2-Methylphenol	8.028	108	60261	16.091	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.110	45	141235	29.904	ng/ul	96
16) Acetophenone	8.416	105	179386	28.770	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.393	70	94484	32.093	ng/ul#	95
18) 4-Methylphenol	8.363	108	55751	13.811	ng/ul	97
19) Hexachloroethane	8.634	117	51468	29.052	ng/ul	96
22) Nitrobenzene	8.793	77	142314	31.075	ng/ul	99
23) Isophorone	9.310	82	268758	31.941	ng/ul	98
25) 2-Nitrophenol	9.487	139	65595	29.996	ng/ul#	90
26) 2,4-Dimethylphenol	9.551	107	80978	19.208	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.792	93	160499	32.176	ng/ul	98
29) 2,4-Dichlorophenol	10.010	162	102963	28.213	ng/ul	99
30) Naphthalene	10.404	128	373926	29.067	ng/ul	100
32) 4-Chloroaniline	10.539	127	138206	24.697	ng/ul	98
33) Hexachlorobutadiene	10.669	225	67895	29.921	ng/ul	93
34) Caprolactam	11.363	113	3335	2.707	ng/ul	97
35) 4-Chloro-3-methylphenol	11.663	107	92248	25.427	ng/ul	98
36) 2-Methylnaphthalene	12.028	142	259976	30.952	ng/ul	98

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Apr 15 22:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	264376	31.104	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.398	216	132580	32.195	ng/ul	97
40) Hexachlorocyclopentadiene	12.363	237	64629	25.925	ng/ul	99
41) 2,4,6-Trichlorophenol	12.651	196	83886	31.227	ng/ul	98
42) 2,4,5-Trichlorophenol	12.728	196	91818	31.021	ng/ul	97
43) 1,1'-Biphenyl	13.063	154	346268	32.565	ng/ul	98
44) 2-Chloronaphthalene	13.098	162	267217	30.932	ng/ul	99
45) 2-Nitroaniline	13.333	65	80084	33.583	ng/ul	95
47) Dimethylphthalate	13.716	163	355978	32.484	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	70016	32.597	ng/ul#	83
50) Acenaphthylene	13.957	152	445345	30.785	ng/ul	100
51) 3-Nitroaniline	14.175	138	69197	29.534	ng/ul	93
52) Acenaphthene	14.298	153	299007	30.976	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	33799	26.467	ng/ul	85
55) 4-Nitrophenol	14.492	109	9198	4.780	ng/ul	91
56) Dibenzofuran	14.639	168	403381	30.538	ng/ul	98
57) 2,4-Dinitrotoluene	14.639	165	100520	31.265	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.869	232	78980	31.177	ng/ul	98
59) Diethylphthalate	15.086	149	377641	33.778	ng/ul	98
61) Fluorene	15.292	166	338818	30.433	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.298	204	154227	29.555	ng/ul	95
63) 4-Nitroaniline	15.351	138	64441	30.252	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.398	198	56029	30.093	ng/ul#	92
67) N-Nitrosodiphenylamine	15.516	169	276252	34.924	ng/ul	100
68) 4-Bromophenyl-phenylether	16.192	248	102138	35.765	ng/ul	94
69) Hexachlorobenzene	16.292	284	122572	32.995	ng/ul	92
70) Atrazine	16.486	200	97892	33.644	ng/ul	99
71) Pentachlorophenol	16.651	266	68453	30.335	ng/ul	97
72) Phenanthrene	17.039	178	512984	32.510	ng/ul	98
74) Anthracene	17.133	178	521103	32.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.016	216	132517	35.857	ng/uL	99
76) Pentachlorobenzene	14.551	250	137195	34.890	ng/uL	96
77) Carbazole	17.415	167	485692	31.206	ng/ul	97
78) Di-n-butylphthalate	17.986	149	680322	38.760	ng/ul	100
80) Fluoranthene	19.068	202	591477	37.280	ng/ul	99
82) Pyrene	19.433	202	634174	37.041	ng/ul	100
83) Butylbenzylphthalate	20.356	149	310242	43.250	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.139	252	193948	31.929	ng/ul	97
85) Benzo(a)anthracene	21.192	228	609082	32.859	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.139	149	489721	43.676	ng/ul	97
87) Chrysene	21.245	228	584221	33.809	ng/ul	99
89) Di-n-octyl phthalate	22.015	149	825162	38.027	ng/ul	100
90) Benzo(b)fluoranthene	22.750	252	683528	34.004	ng/ul	98
91) Benzo(k)fluoranthene	22.797	252	657196	32.482	ng/ul	100
93) Benzo(a)pyrene	23.315	252	585585	29.933	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.621	276	879005	34.686	ng/ul	99
95) Dibenzo(a,h)anthracene	25.633	278	718291	33.902	ng/ul	99
96) Benzo(g,h,i)perylene	26.285	276	685347	34.282	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Title : SVOA CALIBRATION
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