Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048535.D
Acq On : 08 Nov 2024 18:15
Operator : RC/JU
Sample : PB164803BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS803

Quant Time: Nov 08 22:03:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	145327	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	622587	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	367593	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	758930	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	784263	20.000	ng/ul	0.00
88) Perylene-d12	24.197	264	870012	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	19983	5.482	ng/uL	0.00
4) Pyridine-d5	3.540	84	277357	27.607	ng/ul	0.00
7) Phenol-d5	6.846	99	333832	30.176	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	188869	28.423	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	281394	30.706	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	258353	29.700	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	130275	28.870	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	145899	30.398	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	275431	30.890	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	336733	26.588	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	698545	29.769	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	822033	29.713	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	139558	32.021	ng/ul	0.00
60) Fluorene-d10	15.310	176	607947	29.681	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	117436	30.760	ng/ul	0.00
73) Anthracene-d10	17.157	188	978524	30.469	ng/ul	0.00
81) Pyrene-d10	19.451	212	1170628	29.742	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.997	264	1255427	30.884	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	40450	10.111	ng/uL	94
5) Pyridine	3.563	79	284960	27.631	ng/ul	95
6) Benzaldehyde	6.810	77	18646	3.411	ng/ul	95
8) Phenol	6.869	94	342247	29.486	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.093	93	252842	27.719	ng/ul	98
12) 2-Chlorophenol	7.234	128	280080	29.501	ng/ul	99
13) 2-Methylphenol	8.116	108	251851	29.311	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.187	45	372653	27.781	ng/ul	98
16) Acetophenone	8.487	105	385000	28.393	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.475	70	184921	29.020	ng/ul	99
18) 4-Methylphenol	8.445	108	273598	29.081	ng/ul	100
19) Hexachloroethane	8.734	117	112283	27.987	ng/ul	96
22) Nitrobenzene	8.863	77	284603	27.816	ng/ul	95
23) Isophorone	9.392	82	527289	27.861	ng/ul	99
25) 2-Nitrophenol	9.569	139	153050	29.260	ng/ul	98
26) 2,4-Dimethylphenol	9.640	107	284799	29.150	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.869	93	331877	28.094	ng/ul	99
29) 2,4-Dichlorophenol	10.104	162	269077	29.751	ng/ul	97
30) Naphthalene	10.498	128	883964	28.052	ng/ul	99
32) 4-Chloroaniline	10.616	127	187164	15.673	ng/ul	100
33) Hexachlorobutadiene	10.787	225	163042	26.639	ng/ul	99
34) Caprolactam	11.398	113	80911	28.384	ng/ul	93
35) 4-Chloro-3-methylphenol	11.757	107	250099	28.577	ng/ul	99
36) 2-Methylnaphthalene	12.122	142	550734	27.314	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.339	142	544594	26.319	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.492	216	289168	27.452	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	136568	25.364	ng/ul	99
41) 2,4,6-Trichlorophenol	12.739	196	194089	29.170	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	210390	29.692	ng/ul	98
43) 1,1'-Biphenyl	13.139	154	707834	28.162	ng/ul	100
44) 2-Chloronaphthalene	13.180	162	562050	28.338	ng/ul	99
45) 2-Nitroaniline	13.398	65	154210	30.961	ng/ul	95
47) Dimethylphthalate	13.775	163	678366	28.780	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	137461	30.591	ng/ul	94
50) Acenaphthylene	14.033	152	871537	28.580	ng/ul	99
51) 3-Nitroaniline	14.227	138	146651	30.053	ng/ul	100
52) Acenaphthene	14.374	153	605992	28.227	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	69648	28.827	ng/ul	94
55) 4-Nitrophenol	14.551	109	97813	31.043	ng/ul	98
56) Dibenzofuran	14.716	168	839699	28.352	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	207268	31.733	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.945	232	178352	30.259	ng/ul	99
59) Diethylphthalate	15.145	149	694658	29.912	ng/ul	99
61) Fluorene	15.363	166	675879	28.825	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	327761	28.372	ng/ul	99
63) 4-Nitroaniline	15.392	138	165194	34.379	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.457	198	124201	29.894	ng/ul#	93
67) N-Nitrosodiphenylamine	15.574	169	574435	28.718	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	204706	28.600	ng/ul	96
69) Hexachlorobenzene	16.368	284	245082	28.372	ng/ul	99
70) Atrazine	16.533	200	203148	27.905	ng/ul	98
71) Pentachlorophenol	16.716	266	167789	30.562	ng/ul	99
72) Phenanthrene	17.098	178	1090975	28.985	ng/ul	99
74) Anthracene	17.192	178	1107277	29.312	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	284794	26.305	ng/uL	100
76) Pentachlorobenzene	14.633	250	278158	26.370	ng/uL	100
77) Carbazole	17.468	167	1051242	30.896	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1243148	31.076	ng/ul	99
80) Fluoranthene	19.121	202	1312060	28.730	ng/ul	99
82) Pyrene	19.480	202	1418105	28.638	ng/ul	100
83) Butylbenzylphthalate	20.386	149	594627	31.261	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.198	252	461523	32.389	ng/ul	99
85) Benzo(a)anthracene	21.268	228	1467978	29.693	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	871108	31.393	ng/ul	99
87) Chrysene	21.327	228	1390726	29.274	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1537818	31.355	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1431976	29.900	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	1468492	30.753	ng/ul	99
93) Benzo(a)pyrene	24.062	252	1363459	30.280	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.474	276	1702157	29.088	ng/ul	99
95) Dibenzo(a,h)anthracene	27.521	278	1392782	29.140	ng/ul	100
96) Benzo(g,h,i)perylene	28.491	276	1336290	29.124	ng/ul	99

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

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