Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045293.D
Acq On : 16 Apr 2024 22:32
Operator : MA/JU
Sample : PB160225BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS225

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 23:33:30 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	7.581	152	63018	20.000	ng/ul	0.00
20) Naphthalene-d8	10.345	136	250828	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.227	164	149162	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.992	188	286364	20.000	ng/ul	0.00
79) Chrysene-d12	21.203	240	271247	20.000	ng/ul	0.00
88) Perylene-d12	23.403	264	342347	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8338	4.941	ng/uL	0.00
4) Pyridine-d5	3.569	84	93111	20.289	ng/ul	-0.01
7) Phenol-d5	6.763	99	120513	22.558	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	78953	24.805	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.110	132	104556	24.981	ng/ul	-0.01
15) 4-Methylphenol-d8	8.292	113	99408	23.772	ng/ul	0.00
21) Nitrobenzene-d5	8.739	128	50698	26.314	ng/ul	0.00
24) 2-Nitrophenol-d4	9.451	143	54326	26.714	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	98484	26.414	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	127607	21.496	ng/ul	-0.01
46) Dimethylphthalate-d6	13.657	166	264546	25.472	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	312725	25.488	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	44324	20.449	ng/ul	0.00
60) Fluorene-d10	15.233	176	225266	24.329	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.380	200	37563	22.123	ng/ul	0.00
73) Anthracene-d10	17.092	188	332044	25.776	ng/ul	0.00
81) Pyrene-d10	19.398	212	367846	27.541	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.262	264	437356	26.188	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	13065	7.413	ng/uL	91
5) Pyridine	3.587	79	100091	20.584	ng/ul	98
6) Benzaldehyde	6.745	77	72274	29.183	ng/ul	96
8) Phenol	6.787	94	126680	22.898	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.028	93	99871	23.131	ng/ul	98
12) 2-Chlorophenol	7.145	128	107963	24.583	ng/ul	99
13) 2-Methylphenol	8.022	108	92174	22.572	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.098	45	120501	23.400	ng/ul	99
16) Acetophenone	8.410	105	151176	22.236	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.392	70	76506	23.833	ng/ul	91
18) 4-Methylphenol	8.351	108	102940	23.388	ng/ul	95
19) Hexachloroethane	8.622	117	50192	25.984	ng/ul	96
22) Nitrobenzene	8.781	77	121699	25.746	ng/ul	99
23) Isophorone	9.304	82	212618	24.481	ng/ul#	99
25) 2-Nitrophenol	9.481	139	58015	25.703	ng/ul	90
26) 2,4-Dimethylphenol	9.539	107	96325	22.136	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.786	93	130264	25.301	ng/ul	99
29) 2,4-Dichlorophenol	10.004	162	98099	26.042	ng/ul	95
30) Naphthalene	10.398	128	320828	24.162	ng/ul	98
32) 4-Chloroaniline	10.534	127	112673	19.506	ng/ul	99
33) Hexachlorobutadiene	10.663	225	59508	25.407	ng/ul	93
34) Caprolactam	11.333	113	26762m	21.043	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	91230	24.363	ng/ul	98
36) 2-Methylnaphthalene	12.022	142	213681	24.647	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.239	142	216160	24.638	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.392	216	106973	26.223	ng/ul	96
40) Hexachlorocyclopentadiene	12.357	237	57198	23.163	ng/ul	95
41) 2,4,6-Trichlorophenol	12.651	196	70170	26.369	ng/ul	95
42) 2,4,5-Trichlorophenol	12.722	196	75113	25.618	ng/ul	94
43) 1,1'-Biphenyl	13.057	154	276271	26.229	ng/ul	98
44) 2-Chloronaphthalene	13.092	162	213580	24.958	ng/ul	99
45) 2-Nitroaniline	13.327	65	60748	25.717	ng/ul	100
47) Dimethylphthalate	13.704	163	263425	24.267	ng/ul	99
48) 2,6-Dinitrotoluene	13.833	165	51648	24.274	ng/ul#	84
50) Acenaphthylene	13.951	152	341724	23.847	ng/ul	99
51) 3-Nitroaniline	14.169	138	52849	22.771	ng/ul	94
52) Acenaphthene	14.292	153	228910	23.940	ng/ul	99
53) 2,4-Dinitrophenol	14.386	184	22909	18.110	ng/ul	85
55) 4-Nitrophenol	14.480	109	41348	21.691	ng/ul#	83
56) Dibenzofuran	14.633	168	309873	23.682	ng/ul	96
57) 2,4-Dinitrotoluene	14.633	165	72993	22.919	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.863	232	60437	24.084	ng/ul#	99
59) Diethylphthalate	15.080	149	272964	24.647	ng/ul	99
61) Fluorene	15.286	166	245819	22.290	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	116035	22.448	ng/ul	95
63) 4-Nitroaniline	15.345	138	46484	22.030	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.392	198	40028	22.013	ng/ul	95
67) N-Nitrosodiphenylamine	15.510	169	209591	27.131	ng/ul	100
68) 4-Bromophenyl-phenylether	16.186	248	74293	26.638	ng/ul	96
69) Hexachlorobenzene	16.280	284	90183	24.858	ng/ul#	92
70) Atrazine	16.480	200	69221	24.360	ng/ul	97
71) Pentachlorophenol	16.639	266	51117	23.195	ng/ul	98
72) Phenanthrene	17.033	178	377799	24.516	ng/ul	98
74) Anthracene	17.127	178	386156	24.497	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	102975	28.531	ng/uL	99
76) Pentachlorobenzene	14.545	250	102658	26.732	ng/uL	97
77) Carbazole	17.410	167	353512	23.257	ng/ul	99
78) Di-n-butylphthalate	17.980	149	470818	27.466	ng/ul	99
80) Fluoranthene	19.062	202	429558	27.268	ng/ul	98
82) Pyrene	19.427	202	461340	27.138	ng/ul	99
83) Butylbenzylphthalate	20.351	149	203943	28.634	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.133	252	138649	22.989	ng/ul	97
85) Benzo(a)anthracene	21.186	228	450122	24.457	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.133	149	311382	27.969	ng/ul	96
87) Chrysene	21.239	228	427246	24.902	ng/ul	100
89) Di-n-octyl phthalate	22.009	149	550803	25.571	ng/ul	100
90) Benzo(b)fluoranthene	22.744	252	506816	25.400	ng/ul	99
91) Benzo(k)fluoranthene	22.792	252	484663	24.132	ng/ul	99
93) Benzo(a)pyrene	23.309	252	430090	22.148	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.603	276	658189	26.165	ng/ul	99
95) Dibenzo(a,h)anthracene	25.615	278	536417	25.506	ng/ul	97
96) Benzo(g,h,i)perylene	26.274	276	519749	26.191	ng/ul	98

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

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