Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045033.D
Acq On : 08 Apr 2024 07:06
Operator : MA/JU
Sample : PB160062BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 08 08:21:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 05:51:38 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS062

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	79950	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.398	136	363369	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.274	164	241915	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	517218	20.000	ng/ul	-0.01
79) Chrysene-d12	21.245	240	513817	20.000	ng/ul	0.00
88) Perylene-d12	23.462	264	586242	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	17439	8.145	ng/uL	0.00
4) Pyridine-d5	3.599	84	176384	30.295	ng/ul	-0.01
7) Phenol-d5	6.804	99	241887	35.688	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	140432	34.777	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	196446	36.995	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	197060	37.144	ng/ul	-0.01
21) Nitrobenzene-d5	8.787	128	99295	35.575	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	110036	37.351	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	202578	37.505	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.551	131	277302	32.246	ng/ul	-0.01
46) Dimethylphthalate-d6	13.698	166	623805	37.035	ng/ul	-0.01
49) Acenaphthylene-d8	13.963	160	737188	37.047	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.510	143	120212	34.197	ng/ul	0.00
60) Fluorene-d10	15.274	176	546405	36.387	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	106754	34.811	ng/ul	-0.01
73) Anthracene-d10	17.133	188	838749	36.049	ng/ul	0.00
81) Pyrene-d10	19.439	212	994162	39.295	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	1091889	38.180	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	22469	10.049	ng/uL#	83
5) Pyridine	3.616	79	192304	31.172	ng/ul	95
6) Benzaldehyde	6.793	77	131422	41.828	ng/ul	99
8) Phenol	6.834	94	247518	35.265	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.069	93	186838	34.109	ng/ul	97
12) 2-Chlorophenol	7.192	128	198483	35.622	ng/ul	99
13) 2-Methylphenol	8.069	108	182259	35.181	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.145	45	223757	34.248	ng/ul	97
16) Acetophenone	8.451	105	304443	35.297	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.439	70	155159	38.099	ng/ul#	92
18) 4-Methylphenol	8.398	108	205266	36.760	ng/ul	96
19) Hexachloroethane	8.675	117	83857	34.218	ng/ul	98
22) Nitrobenzene	8.828	77	234376	34.226	ng/ul	98
23) Isophorone	9.351	82	448183	35.622	ng/ul	99
25) 2-Nitrophenol	9.528	139	117989	36.084	ng/ul	91
26) 2,4-Dimethylphenol	9.592	107	181396	28.775	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.834	93	266134	35.681	ng/ul	97
29) 2,4-Dichlorophenol	10.057	162	204956	37.557	ng/ul	97
30) Naphthalene	10.445	128	634555	32.988	ng/ul	99
32) 4-Chloroaniline	10.581	127	264725	31.636	ng/ul	100
33) Hexachlorobutadiene	10.710	225	110820	32.661	ng/ul	93
34) Caprolactam	11.380	113	68569m	37.218	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	209913	38.695	ng/ul	99
36) 2-Methylnaphthalene	12.069	142	449437	35.785	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	461241	36.290	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.439	216	230041	34.771	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	102433	25.576	ng/ul	98
41) 2,4,6-Trichlorophenol	12.692	196	164308	38.071	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	179709	37.792	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	598124	35.013	ng/ul	97
44) 2-Chloronaphthalene	13.139	162	476124	34.306	ng/ul	99
45) 2-Nitroaniline	13.369	65	147692	38.551	ng/ul	98
47) Dimethylphthalate	13.751	163	613658	34.856	ng/ul	100
48) 2,6-Dinitrotoluene	13.874	165	127025	36.811	ng/ul	90
50) Acenaphthylene	13.992	152	800762	34.455	ng/ul	99
51) 3-Nitroaniline	14.210	138	134554	35.747	ng/ul	94
52) Acenaphthene	14.339	153	523850	33.779	ng/ul	99
53) 2,4-Dinitrophenol	14.421	184	68525	33.401	ng/ul	98
55) 4-Nitrophenol	14.521	109	102642	33.200	ng/ul	90
56) Dibenzofuran	14.680	168	741215	34.928	ng/ul	99
57) 2,4-Dinitrotoluene	14.668	165	193900	37.539	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.910	232	153451	37.705	ng/ul	95
59) Diethylphthalate	15.121	149	639506	35.605	ng/ul	99
61) Fluorene	15.333	166	623775	34.875	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.333	204	294909	35.177	ng/ul	98
63) 4-Nitroaniline	15.380	138	118429	34.606	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.433	198	111837	34.053	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	508256	36.427	ng/ul	99
68) 4-Bromophenyl-phenylether	16.227	248	182430	36.216	ng/ul	96
69) Hexachlorobenzene	16.327	284	229775	35.066	ng/ul	97
70) Atrazine	16.521	200	183638	35.781	ng/ul	99
71) Pentachlorophenol	16.680	266	140785	35.370	ng/ul	98
72) Phenanthrene	17.074	178	955258	34.321	ng/ul	99
74) Anthracene	17.168	178	957375	33.626	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	230101	35.297	ng/uL	99
76) Pentachlorobenzene	14.586	250	248139	35.775	ng/uL	98
77) Carbazole	17.451	167	916180	33.372	ng/ul	98
78) Di-n-butylphthalate	18.021	149	1172765	37.880	ng/ul	99
80) Fluoranthene	19.103	202	1130232	37.876	ng/ul	99
82) Pyrene	19.468	202	1213924	37.697	ng/ul	99
83) Butylbenzylphthalate	20.392	149	543599	40.292	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.168	252	381007	33.349	ng/ul	98
85) Benzo(a)anthracene	21.227	228	1227988	35.223	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.168	149	861693	40.859	ng/ul	99
87) Chrysene	21.280	228	1133924	34.889	ng/ul	99
89) Di-n-octyl phthalate	22.050	149	1435190	38.910	ng/ul	100
90) Benzo(b)fluoranthene	22.797	252	1307107	38.255	ng/ul	99
91) Benzo(k)fluoranthene	22.844	252	1253771	36.456	ng/ul	99
93) Benzo(a)pyrene	23.368	252	1079308	32.456	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.697	276	1553223	36.058	ng/ul	99
95) Dibenzo(a,h)anthracene	25.709	278	1284051	35.654	ng/ul	99
96) Benzo(g,h,i)perylene	26.374	276	1160740	34.157	ng/ul	98

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

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