Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM044995.D
Acq On : 07 Apr 2024 06:25
Operator : MA/JU
Sample : PB160053BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS053

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

Quant Time: Apr 08 05:47:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 05:01:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	81084	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	358369	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	232257	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	480115	20.000	ng/ul	0.00
79) Chrysene-d12	21.250	240	478251	20.000	ng/ul	0.00
88) Perylene-d12	23.468	264	557925	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	9740	4.486	ng/uL	0.00
4) Pyridine-d5	3.610	84	91433	15.484	ng/ul	0.00
7) Phenol-d5	6.816	99	112414	16.354	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	67304	16.434	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	93647	17.389	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	89823	16.694	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	45476	16.520	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	50314	17.317	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	95696	17.964	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	128367	15.135	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	252556	15.617	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	305208	15.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	48488	14.367	ng/ul	0.00
60) Fluorene-d10	15.280	176	226611	15.718	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	39559	13.896	ng/ul	0.00
73) Anthracene-d10	17.139	188	349650	16.189	ng/ul	0.00
81) Pyrene-d10	19.445	212	407390	17.300	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.327	264	450560	16.554	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	21153	9.328	ng/uL#	85
5) Pyridine	3.622	79	182163	29.115	ng/ul	99
6) Benzaldehyde	6.798	77	122689	38.503	ng/ul	99
8) Phenol	6.845	94	230587	32.394	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.075	93	169416	30.496	ng/ul	95
12) 2-Chlorophenol	7.198	128	189667	33.564	ng/ul	98
13) 2-Methylphenol	8.081	108	167991	31.973	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.157	45	206772	31.206	ng/ul	99
16) Acetophenone	8.457	105	270719	30.948	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.445	70	135235	32.742	ng/ul#	97
18) 4-Methylphenol	8.404	108	185586	32.771	ng/ul	94
19) Hexachloroethane	8.686	117	79332	31.919	ng/ul	96
22) Nitrobenzene	8.834	77	208881	30.929	ng/ul	97
23) Isophorone	9.357	82	378268	30.485	ng/ul	100
25) 2-Nitrophenol	9.539	139	107624	33.373	ng/ul	96
26) 2,4-Dimethylphenol	9.598	107	177247	28.509	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.839	93	227734	30.958	ng/ul	97
29) 2,4-Dichlorophenol	10.063	162	180714	33.577	ng/ul	98
30) Naphthalene	10.457	128	570129	30.053	ng/ul	99
32) 4-Chloroaniline	10.586	127	232069	28.120	ng/ul	100
33) Hexachlorobutadiene	10.722	225	99848	29.838	ng/ul	93
34) Caprolactam	11.386	113	56655m	31.180	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	182128	34.041	ng/ul	99
36) 2-Methylnaphthalene	12.075	142	385522	31.124	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	392352	31.301	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.445	216	198329	31.224	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	82739	21.518	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	139097	33.570	ng/ul	99
42) 2,4,5-Trichlorophenol	12.774	196	153741	33.675	ng/ul	96
43) 1,1'-Biphenyl	13.110	154	504994	30.791	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	404272	30.340	ng/ul	99
45) 2-Nitroaniline	13.374	65	123177	33.489	ng/ul	97
47) Dimethylphthalate	13.757	163	491602	29.084	ng/ul	99
48) 2,6-Dinitrotoluene	13.880	165	102682	30.994	ng/ul#	86
50) Acenaphthylene	13.998	152	661666	29.654	ng/ul	99
51) 3-Nitroaniline	14.216	138	112790	31.211	ng/ul	94
52) Acenaphthene	14.345	153	442057	29.691	ng/ul	97
53) 2,4-Dinitrophenol	14.427	184	50464	25.620	ng/ul	95
55) 4-Nitrophenol	14.533	109	83808	28.236	ng/ul	91
56) Dibenzofuran	14.686	168	617118	30.290	ng/ul	100
57) 2,4-Dinitrotoluene	14.680	165	156770	31.613	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.916	232	126891	32.475	ng/ul	98
59) Diethylphthalate	15.127	149	511474	29.661	ng/ul	99
61) Fluorene	15.339	166	509712	29.683	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	238963	29.689	ng/ul	99
63) 4-Nitroaniline	15.386	138	105626	32.149	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.439	198	80445	26.387	ng/ul	99
67) N-Nitrosodiphenylamine	15.563	169	422039	32.586	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	149292	31.927	ng/ul	95
69) Hexachlorobenzene	16.333	284	188576	31.003	ng/ul	96
70) Atrazine	16.527	200	148286	31.125	ng/ul	99
71) Pentachlorophenol	16.692	266	114177	30.902	ng/ul	99
72) Phenanthrene	17.080	178	781892	30.263	ng/ul	99
74) Anthracene	17.174	178	792300	29.978	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	195979	32.386	ng/uL	99
76) Pentachlorobenzene	14.598	250	205756	31.957	ng/uL	98
77) Carbazole	17.456	167	754502	29.607	ng/ul	99
78) Di-n-butylphthalate	18.027	149	945395	32.895	ng/ul	100
80) Fluoranthene	19.109	202	936062	33.701	ng/ul	99
82) Pyrene	19.474	202	1005118	33.534	ng/ul	99
83) Butylbenzylphthalate	20.398	149	455390	36.264	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.174	252	317772	29.883	ng/ul	95
85) Benzo(a)anthracene	21.233	228	1016309	31.319	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.174	149	725168	36.943	ng/ul	98
87) Chrysene	21.286	228	947509	31.322	ng/ul	100
89) Di-n-octyl phthalate	22.056	149	1240234	35.331	ng/ul	100
90) Benzo(b)fluoranthene	22.803	252	1082207	33.280	ng/ul	98
91) Benzo(k)fluoranthene	22.850	252	1058596	32.343	ng/ul	99
93) Benzo(a)pyrene	23.374	252	902383	28.513	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.709	276	1318201	32.155	ng/ul	99
95) Dibenzo(a,h)anthracene	25.727	278	1079844	31.505	ng/ul	98
96) Benzo(g,h,i)perylene	26.385	276	982556	30.381	ng/ul	99

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

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