Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030824\
Data File : BM044567.D
Acq On : 08 Mar 2024 16:24
Operator : MA/JU
Sample : PB159505BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS505

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 08 16:58:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	265672	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.498	136	1194940	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.363	164	734007	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1483276	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	1232393	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1190072	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	59550	7.602	ng/uL	-0.01
4) Pyridine-d5	3.669	84	906432	39.316	ng/ul	-0.01
7) Phenol-d5	6.892	99	1179536	43.184	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	740131	43.869	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	893943	44.536	ng/ul	-0.02
15) 4-Methylphenol-d8	8.422	113	922801	43.019	ng/ul	-0.02
21) Nitrobenzene-d5	8.880	128	466436	46.355	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	519149	47.860	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	881336	47.740	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.645	131	1302715	42.488	ng/ul	-0.02
46) Dimethylphthalate-d6	13.786	166	2561569	44.489	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	2993083	45.453	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	547301	45.835	ng/ul	0.00
60) Fluorene-d10	15.362	176	2167753	44.801	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	464038	48.195	ng/ul	0.00
73) Anthracene-d10	17.215	188	3287179	46.364	ng/ul	0.00
81) Pyrene-d10	19.515	212	3744423	49.538	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	3071673	49.106	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	104399	12.874	ng/uL	99
5) Pyridine	3.687	79	776613	32.478	ng/ul	96
6) Benzaldehyde	6.875	77	472645	39.728	ng/ul	97
8) Phenol	6.916	94	1053117	37.778	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.157	93	841464	36.761	ng/ul	96
12) 2-Chlorophenol	7.281	128	790082	38.162	ng/ul	98
13) 2-Methylphenol	8.157	108	793844	37.527	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.239	45	1197942	39.629	ng/ul	98
16) Acetophenone	8.545	105	1265786	38.047	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.533	70	668156	38.872	ng/ul	95
18) 4-Methylphenol	8.486	108	864593	37.546	ng/ul	97
19) Hexachloroethane	8.781	117	316107	37.274	ng/ul	94
22) Nitrobenzene	8.922	77	959399	40.206	ng/ul	97
23) Isophorone	9.445	82	1924056	39.521	ng/ul	98
25) 2-Nitrophenol	9.628	139	474965	40.163	ng/ul	99
26) 2,4-Dimethylphenol	9.680	107	823536	38.272	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.928	93	1170206	38.220	ng/ul	98
29) 2,4-Dichlorophenol	10.151	162	749751	40.679	ng/ul	98
30) Naphthalene	10.551	128	2624540	38.780	ng/ul	100
32) 4-Chloroaniline	10.669	127	851657	28.812	ng/ul	99
33) Hexachlorobutadiene	10.822	225	415539	40.226	ng/ul	98
34) Caprolactam	11.463	113	260079m	36.235	ng/ul	
35) 4-Chloro-3-methylphenol	11.792	107	859329	40.205	ng/ul	98
36) 2-Methylnaphthalene	12.169	142	1754386	38.982	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.386	142	1731941	39.010	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.533	216	822774	39.401	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	517911	37.362	ng/ul	99
41) 2,4,6-Trichlorophenol	12.780	196	555756	37.964	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	608575	38.791	ng/ul	100
43) 1,1'-Biphenyl	13.192	154	2237351	38.386	ng/ul	100
44) 2-Chloronaphthalene	13.233	162	1754931	38.368	ng/ul	99
45) 2-Nitroaniline	13.451	65	594013	41.368	ng/ul	98
47) Dimethylphthalate	13.833	163	2235438	38.154	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	466697	39.879	ng/ul	98
50) Acenaphthylene	14.086	152	2933692	38.225	ng/ul	99
51) 3-Nitroaniline	14.286	138	517514	40.940	ng/ul	99
52) Acenaphthene	14.427	153	1910902	37.874	ng/ul	98
53) 2,4-Dinitrophenol	14.492	184	276823	36.979	ng/ul	96
55) 4-Nitrophenol	14.592	109	329399	39.373	ng/ul	94
56) Dibenzofuran	14.762	168	2552141	38.027	ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	668323	39.562	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.992	232	483064	37.208	ng/ul	98
59) Diethylphthalate	15.204	149	2323395	38.210	ng/ul	99
61) Fluorene	15.415	166	2078915	37.874	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.415	204	994655	39.043	ng/ul	98
63) 4-Nitroaniline	15.457	138	551027m	45.609	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.509	198	415224	40.357	ng/ul	99
67) N-Nitrosodiphenylamine	15.633	169	1781998	39.889	ng/ul	99
68) 4-Bromophenyl-phenylether	16.315	248	618361	41.680	ng/ul	95
69) Hexachlorobenzene	16.409	284	718406	42.513	ng/ul	97
70) Atrazine	16.598	200	349321	23.929	ng/ul	98
71) Pentachlorophenol	16.762	266	428432	38.395	ng/ul	98
72) Phenanthrene	17.162	178	3336025	39.647	ng/ul	100
74) Anthracene	17.251	178	3360224	39.487	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	826059	41.696	ng/uL	100
76) Pentachlorobenzene	14.674	250	802907	41.919	ng/uL	99
77) Carbazole	17.527	167	3207071	40.106	ng/ul	100
78) Di-n-butylphthalate	18.098	149	4175751	38.823	ng/ul	99
80) Fluoranthene	19.180	202	3848583	42.754	ng/ul	98
82) Pyrene	19.545	202	3942871	42.073	ng/ul	98
83) Butylbenzylphthalate	20.462	149	1875117	40.692	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	1197125	44.906	ng/ul	98
85) Benzo(a)anthracene	21.297	228	3711520	40.104	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.244	149	2686820	39.990	ng/ul#	99
87) Chrysene	21.350	228	3441778	40.169	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	4678491	43.928	ng/ul	100
90) Benzo(b)fluoranthene	22.891	252	3422181	42.975	ng/ul	99
91) Benzo(k)fluoranthene	22.938	252	3270761	41.937	ng/ul	98
93) Benzo(a)pyrene	23.474	252	3023833	40.593	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.850	276	3274500	39.192	ng/ul	99
95) Dibenzo(a,h)anthracene	25.868	278	2776685	39.857	ng/ul	98
96) Benzo(g,h,i)perylene	26.544	276	2536326	38.041	ng/ul	99

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

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