Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018011.D
Acq On : 10 Nov 2023 04:02
Operator : MA/JU
Sample : 05091-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI2MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 04:32:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	65377	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	272338	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	178819	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	426649	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	472351	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	539756	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	2332	1.221	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.034	99	34987	5.695	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	24124	6.482	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	28714	5.841	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	25727	5.221	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	15057	6.174	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	15211	5.604	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	29387	6.044	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	31015	4.655	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	112572	6.848	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	114300	6.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	21000m	8.722	ng/ul	0.04
60) Fluorene-d10	15.539	176	94425	6.930	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	16133	5.415	ng/ul	0.00
73) Anthracene-d10	17.416	188	153216	6.702	ng/ul	0.00
81) Pyrene-d10	19.669	212	208742	6.866	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	215762	6.877	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	5757	2.675	ng/uL	94
6) Benzaldehyde	7.040	77	28945	8.559	ng/ul	95
8) Phenol	7.063	94	52712	8.713	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.310	93	36035	7.547	ng/ul	98
12) 2-Chlorophenol	7.422	128	35186	7.037	ng/ul	98
13) 2-Methylphenol	8.322	108	26638	5.875	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	41946m	7.580	ng/ul	
16) Acetophenone	8.722	105	122341	15.526	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.681	70	31259	7.243	ng/ul	97
18) 4-Methylphenol	8.657	108	31279	6.361	ng/ul	98
19) Hexachloroethane	8.916	117	17029	7.124	ng/ul	97
22) Nitrobenzene	9.116	77	47372	7.139	ng/ul	95
23) Isophorone	9.622	82	85197	7.252	ng/ul	96
25) 2-Nitrophenol	9.816	139	19021	6.815	ng/ul	96
26) 2,4-Dimethylphenol	9.863	107	11528	1.932	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.110	93	46499	7.010	ng/ul	97
29) 2,4-Dichlorophenol	10.346	162	32265	6.920	ng/ul	99
30) Naphthalene	10.734	128	122615	7.425	ng/ul	99
32) 4-Chloroaniline	10.893	127	36054	5.656	ng/ul	99
33) Hexachlorobutadiene	10.951	225	25489	7.358	ng/ul	96
34) Caprolactam	11.728	113	11472m	7.872	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	38570	6.947	ng/ul	91
36) 2-Methylnaphthalene	12.351	142	83991	7.442	ng/ul	97
37) 1-Methylnaphthalene	12.569	142	83456	7.258	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.704	216	46202	7.620	ng/ul	100
40) Hexachlorocyclopentadiene	12.640	237	10050	3.467	ng/ul	87
41) 2,4,6-Trichlorophenol	12.969	196	28378	7.165	ng/ul	97
42) 2,4,5-Trichlorophenol	13.051	196	30182	7.120	ng/ul	98
43) 1,1'-Biphenyl	13.369	154	116106	7.636	ng/ul	97
44) 2-Chloronaphthalene	13.416	162	90676	7.539	ng/ul	97
45) 2-Nitroaniline	13.675	65	27839	7.316	ng/ul	88
47) Dimethylphthalate	14.004	163	129475	7.808	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	22935	7.365	ng/ul	98
50) Acenaphthylene	14.263	152	156166	7.738	ng/ul	99
51) 3-Nitroaniline	14.516	138	17468	5.990	ng/ul	95
52) Acenaphthene	14.604	153	104190	7.769	ng/ul	98
53) 2,4-Dinitrophenol	14.734	184	7885	4.707	ng/ul	86
55) 4-Nitrophenol	14.822	109	21892m	6.712	ng/ul	
56) Dibenzofuran	14.945	168	148253	8.008	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	37051	7.779	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.169	232	27521	7.458	ng/ul	97
59) Diethylphthalate	15.363	149	143401	5.373	ng/ul	98
61) Fluorene	15.598	166	125821	8.059	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.586	204	62210	8.117	ng/ul	93
63) 4-Nitroaniline	15.686	138	16724	6.056	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.710	198	21062	6.749	ng/ul#	94
67) N-Nitrosodiphenylamine	15.816	169	103873	7.602	ng/ul	96
68) 4-Bromophenyl-phenylether	16.492	248	37143	7.974	ng/ul	94
69) Hexachlorobenzene	16.575	284	42949	8.133	ng/ul	95
70) Atrazine	16.775	200	41576	8.792	ng/ul	94
71) Pentachlorophenol	16.951	266	18772	5.768	ng/ul	98
72) Phenanthrene	17.363	178	218415	8.224	ng/ul	99
74) Anthracene	17.457	178	213037	7.935	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	46969	7.338	ng/uL	93
76) Pentachlorobenzene	14.834	250	47384	7.533	ng/uL	94
77) Carbazole	17.751	167	196470	8.474	ng/ul	99
78) Di-n-butylphthalate	18.251	149	253774	8.139	ng/ul	98
80) Fluoranthene	19.339	202	312011	8.868	ng/ul	100
82) Pyrene	19.698	202	335855	9.031	ng/ul	97
83) Butylbenzylphthalate	20.563	149	129922	8.068	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.374	252	62909	5.620	ng/ul	100
85) Benzo(a)anthracene	21.427	228	331783	8.737	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.304	149	185409	8.211	ng/ul	99
87) Chrysene	21.480	228	324067	9.060	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	320764	7.829	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	360878	9.303	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	330857	8.545	ng/ul	99
93) Benzo(a)pyrene	23.839	252	294710	8.060	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.615	276	361298	8.337	ng/ul	100
95) Dibenzo(a,h)anthracene	26.639	278	290903	8.119	ng/ul	97
96) Benzo(g,h,i)perylene	27.451	276	288802	8.350	ng/ul	96

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

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