Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012210.D
Acq On : 20 Oct 2022 11:08
Operator : CG/JU
Sample : PB148325BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS325

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 20 23:21:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	387595	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1642022	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	977031	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	1857964	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1432944	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1426635	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	61704	6.443	ng/uL	0.00
4) Pyridine-d5	3.681	84	795046	28.809	ng/ul	0.00
7) Phenol-d5	6.993	99	1122184	33.536	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.164	67	678990	33.459	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	870579	34.180	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	876120	33.688	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	427835	35.200	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	471432	35.950	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	857223	34.850	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	1060830	30.354	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	2339876	34.428	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	2748454	35.429	ng/ul	0.00
54) 4-Nitrophenol-d4	14.693	143	429879	33.762	ng/ul	0.00
60) Fluorene-d10	15.475	176	2001893	34.238	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	385280	36.451	ng/ul	0.00
73) Anthracene-d10	17.334	188	2917609	35.825	ng/ul	0.00
81) Pyrene-d10	19.575	212	3010113	36.895	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	2672745	37.358	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	125226	12.150	ng/uL	98
5) Pyridine	3.699	79	759593	28.003	ng/ul	99
6) Benzaldehyde	6.969	77	605636m	38.507	ng/ul	
8) Phenol	7.022	94	1077430	30.777	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.252	93	869803	30.784	ng/ul	99
12) 2-Chlorophenol	7.387	128	855793	31.141	ng/ul	98
13) 2-Methylphenol	8.275	108	807419	30.635	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.358	45	1151365	30.642	ng/ul	100
16) Acetophenone	8.658	105	1275462	31.749	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.646	70	621899	30.583	ng/ul	100
18) 4-Methylphenol	8.605	108	878698	30.614	ng/ul	95
19) Hexachloroethane	8.905	117	340165	31.336	ng/ul	97
22) Nitrobenzene	9.040	77	945354	31.923	ng/ul	99
23) Isophorone	9.569	82	1774957	31.228	ng/ul	100
25) 2-Nitrophenol	9.746	139	482569	32.389	ng/ul	98
26) 2,4-Dimethylphenol	9.810	107	930115	31.671	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.052	93	1179204	31.692	ng/ul	100
29) 2,4-Dichlorophenol	10.281	162	806274	31.675	ng/ul	99
30) Naphthalene	10.681	128	2725018	31.030	ng/ul	99
32) 4-Chloroaniline	10.799	127	1077904	29.881	ng/ul	99
33) Hexachlorobutadiene	10.957	225	506833	31.657	ng/ul	99
34) Caprolactam	11.599	113	237181m	30.016	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	852905	31.035	ng/ul	99
36) 2-Methylnaphthalene	12.293	142	1817137	30.412	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.516	142	1816070	30.439	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.663	216	962032	32.406	ng/ul	99
40)	Hexachlorocyclopentadiene	12.634	237	525079	33.268	ng/ul	98
41)	2,4,6-Trichlorophenol	12.904	196	627809	32.767	ng/ul	99
42)	2,4,5-Trichlorophenol	12.981	196	688011	32.918	ng/ul	99
43)	1,1'-Biphenyl	13.310	154	2381376	32.771	ng/ul	100
44)	2-Chloronaphthalene	13.351	162	1859680	32.280	ng/ul	99
45)	2-Nitroaniline	13.563	65	502063	32.780	ng/ul	95
47)	Dimethylphthalate	13.940	163	2251235	31.611	ng/ul	100
48)	2,6-Dinitrotoluene	14.063	165	457672	33.585	ng/ul	99
50)	Acenaphthylene	14.198	152	2814372	32.559	ng/ul	100
51)	3-Nitroaniline	14.393	138	466964	32.463	ng/ul	98
52)	Acenaphthene	14.540	153	1941339	31.757	ng/ul	100
53)	2,4-Dinitrophenol	14.604	184	253858	31.024	ng/ul	96
55)	4-Nitrophenol	14.704	109	298478	31.553	ng/ul	96
56)	Dibenzofuran	14.875	168	2641287	31.562	ng/ul	98
57)	2,4-Dinitrotoluene	14.851	165	632843	32.540	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.104	232	570109	32.265	ng/ul	99
59)	Diethylphthalate	15.304	149	2203846	31.485	ng/ul	99
61)	Fluorene	15.528	166	2070224	31.225	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.522	204	1039969	31.475	ng/ul	98
63)	4-Nitroaniline	15.563	138	463126m	34.298	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.616	198	367379	33.110	ng/ul	97
67)	N-Nitrosodiphenylamine	15.740	169	1806869	33.507	ng/ul	99
68)	4-Bromophenyl-phenylether	16.422	248	665064	33.808	ng/ul	98
69)	Hexachlorobenzene	16.534	284	780731	33.669	ng/ul	98
70)	Atrazine	16.704	200	558244	29.654	ng/ul	98
71)	Pentachlorophenol	16.887	266	446785	31.920	ng/ul	99
72)	Phenanthrene	17.281	178	3247200	32.518	ng/ul	99
74)	Anthracene	17.369	178	3256210	32.957	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.269	216	991389	35.759	ng/uL	100
76)	Pentachlorobenzene	14.793	250	943147	32.296	ng/uL	99
77)	Carbazole	17.645	167	2837266	32.538	ng/ul	99
78)	Di-n-butylphthalate	18.192	149	3383272	32.344	ng/ul	99
80)	Fluoranthene	19.251	202	3443907	34.161	ng/ul	97
82)	Pyrene	19.604	202	3486600	33.803	ng/ul	97
83)	Butylbenzylphthalate	20.475	149	1297742	32.349	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.251	252	1020676	32.704	ng/ul	100
85)	Benzo(a)anthracene	21.316	228	3058315	32.748	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.233	149	1791110	31.868	ng/ul	100
87)	Chrysene	21.369	228	2894173	33.209	ng/ul	100
89)	Di-n-octyl phthalate	22.157	149	2900920	29.399	ng/ul	100
90)	Benzo(b)fluoranthene	22.998	252	3021313	31.778	ng/ul	100
91)	Benzo(k)fluoranthene	23.051	252	3092544	32.998	ng/ul	98
93)	Benzo(a)pyrene	23.627	252	2739817	33.699	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.239	276	3784464	40.210	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.257	278	3255438	38.366	ng/ul	99
96)	Benzo(g,h,i)perylene	27.004	276	3262475	36.918	ng/ul	98

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

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