Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110822\
Data File : BP012559.D
Acq On : 08 Nov 2022 19:50
Operator : CG/JU
Sample : PB148826BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS826

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/09/2022
Supervised By :mohammad ahmed 11/14/2022

Quant Time: Nov 08 22:45:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 22:40:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	278347	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1369083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	939939	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	2066279	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1863398	20.000	ng/ul	0.00
88) Perylene-d12	23.668	264	1696056	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	35192	5.091	ng/uL	0.00
4) Pyridine-d5	3.646	84	487817	24.565	ng/ul	0.00
7) Phenol-d5	6.963	99	779204	31.211	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	429205	28.799	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	580481	31.840	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	637555	32.289	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	309857	34.901	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	350030	37.985	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	659408	33.019	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	859340	28.900	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	1975776	30.707	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	2220989	30.205	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	335820	27.576	ng/ul	0.00
60) Fluorene-d10	15.422	176	1686208	30.608	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	359576	33.424	ng/ul	0.00
73) Anthracene-d10	17.286	188	2583064	29.013	ng/ul	0.00
81) Pyrene-d10	19.533	212	3044143	32.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	2600647	31.382	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	69336	9.434	ng/uL	98
5) Pyridine	3.663	79	512438	26.258	ng/ul	98
6) Benzaldehyde	6.922	77	447032	37.966	ng/ul	98
8) Phenol	6.987	94	765615	29.494	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.204	93	577714	27.730	ng/ul	99
12) 2-Chlorophenol	7.340	128	592724	29.865	ng/ul	99
13) 2-Methylphenol	8.234	108	591787	29.645	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.304	45	756803	27.087	ng/ul	99
16) Acetophenone	8.604	105	922253	30.073	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.587	70	463368	31.385	ng/ul	99
18) 4-Methylphenol	8.563	108	658721	30.191	ng/ul	98
19) Hexachloroethane	8.839	117	221774	29.054	ng/ul	98
22) Nitrobenzene	8.987	77	695542	30.027	ng/ul	99
23) Isophorone	9.510	82	1374252	28.351	ng/ul	99
25) 2-Nitrophenol	9.692	139	370428	33.525	ng/ul	96
26) 2,4-Dimethylphenol	9.763	107	636657	26.241	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.992	93	859254	27.701	ng/ul	100
29) 2,4-Dichlorophenol	10.234	162	637304	30.741	ng/ul	99
30) Naphthalene	10.622	128	1998620	27.545	ng/ul	99
32) 4-Chloroaniline	10.745	127	873115	28.537	ng/ul	99
33) Hexachlorobutadiene	10.892	225	374394	29.027	ng/ul	98
34) Caprolactam	11.557	113	215854m	30.599	ng/ul	
35) 4-Chloro-3-methylphenol	11.892	107	726190	31.879	ng/ul	100
36) 2-Methylnaphthalene	12.233	142	1414003	28.425	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	1422207	28.628	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	774154	28.040	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	265213	20.763	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	538933	30.538	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	592387	30.776	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	1883682	27.254	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	1495410	27.534	ng/ul	99
45) 2-Nitroaniline	13.522	65	462395	36.733	ng/ul	98
47) Dimethylphthalate	13.892	163	1950140	28.766	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	414859	36.855	ng/ul	99
50) Acenaphthylene	14.145	152	2325230	28.197	ng/ul	99
51) 3-Nitroaniline	14.351	138	452093	32.801	ng/ul	97
52) Acenaphthene	14.486	153	1609049	27.765	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	228734	30.090	ng/ul	93
55) 4-Nitrophenol	14.692	109	259259	28.136	ng/ul	88
56) Dibenzofuran	14.827	168	2223100	28.099	ng/ul	97
57) 2,4-Dinitrotoluene	14.810	165	590857	34.850	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.063	232	520713	31.873	ng/ul	100
59) Diethylphthalate	15.257	149	1983908	30.075	ng/ul	99
61) Fluorene	15.480	166	1774970	28.236	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.474	204	891000	28.896	ng/ul	99
63) 4-Nitroaniline	15.527	138	453919m	36.453	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	357411	31.182	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	1605041	27.580	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	621033	29.923	ng/ul	98
69) Hexachlorobenzene	16.480	284	739262	29.698	ng/ul	99
70) Atrazine	16.663	200	606794	30.099	ng/ul	98
71) Pentachlorophenol	16.839	266	436891	28.578	ng/ul	99
72) Phenanthrene	17.233	178	3012664	27.599	ng/ul	99
74) Anthracene	17.321	178	2943569	27.144	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	785651	26.580	ng/uL	100
76) Pentachlorobenzene	14.739	250	787951	25.244	ng/uL	99
77) Carbazole	17.604	167	2754444	28.518	ng/ul	100
78) Di-n-butylphthalate	18.151	149	3510769	31.288	ng/ul	99
80) Fluoranthene	19.204	202	3601915	31.183	ng/ul	98
82) Pyrene	19.562	202	3604558	30.128	ng/ul	95
83) Butylbenzylphthalate	20.433	149	1636466	36.688	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.209	252	1157357	28.592	ng/ul	99
85) Benzo(a)anthracene	21.268	228	3307420	27.822	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	2380423	34.901	ng/ul	100
87) Chrysene	21.327	228	3149026	28.335	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	3991488	39.455	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	3188087	29.685	ng/ul	99
91) Benzo(k)fluoranthene	22.986	252	3148227	30.758	ng/ul	98
93) Benzo(a)pyrene	23.562	252	2738203	29.196	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.139	276	3245698	27.772	ng/ul	97
95) Dibenzo(a,h)anthracene	26.150	278	2884655	27.566	ng/ul	98
96) Benzo(g,h,i)perylene	26.891	276	2818678	27.284	ng/ul	97

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

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