Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012083.D
Acq On : 12 Oct 2022 16:19
Operator : CG/JU
Sample : PB148184BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS184

Quant Time: Oct 12 23:08:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	295920	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1113868	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	580866	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	1049371	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1221430	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	1443861	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	34558	4.604	ng/uL	0.00
4) Pyridine-d5	3.699	84	447529	22.421	ng/ul	0.00
7) Phenol-d5	7.022	99	655974	27.562	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	356867	26.417	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	568335	30.084	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	499025	27.298	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	257541	32.738	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	278227	34.880	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	510108	32.997	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	603339	26.484	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	1106346	30.074	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	1416768	31.144	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	199304	27.596	ng/ul	0.00
60) Fluorene-d10	15.498	176	980233	29.451	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	158945	28.685	ng/ul	0.00
73) Anthracene-d10	17.363	188	1413061	31.010	ng/ul	0.00
81) Pyrene-d10	19.598	212	1698927	27.150	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	2222859	31.669	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	70058	8.870	ng/uL	99
5) Pyridine	3.717	79	436975	22.848	ng/ul	99
6) Benzaldehyde	6.999	77	374378	33.527	ng/ul	97
8) Phenol	7.052	94	628922	25.172	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	501409	25.435	ng/ul	98
12) 2-Chlorophenol	7.416	128	558908	27.261	ng/ul	99
13) 2-Methylphenol	8.305	108	472054	25.331	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	477168	23.616	ng/ul	97
16) Acetophenone	8.687	105	716266	25.415	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	311353	24.256	ng/ul	96
18) 4-Methylphenol	8.634	108	503400	25.062	ng/ul	96
19) Hexachloroethane	8.934	117	215255	27.198	ng/ul	87
22) Nitrobenzene	9.063	77	499379	27.692	ng/ul	96
23) Isophorone	9.593	82	868818	27.162	ng/ul	97
25) 2-Nitrophenol	9.775	139	289222	30.862	ng/ul	94
26) 2,4-Dimethylphenol	9.840	107	485271	26.588	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.075	93	597288	27.211	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	481735	29.653	ng/ul	98
30) Naphthalene	10.710	128	1634248	27.765	ng/ul	100
32) 4-Chloroaniline	10.828	127	570995	24.311	ng/ul	99
33) Hexachlorobutadiene	10.993	225	334144	33.168	ng/ul	100
34) Caprolactam	11.622	113	110982	24.860	ng/ul	89
35) 4-Chloro-3-methylphenol	11.957	107	412944	26.830	ng/ul	99
36) 2-Methylnaphthalene	12.322	142	1025987	27.070	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	1013720	26.707	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.693	216	569508	32.074	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	257084	29.808	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	345429	32.296	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	362624	31.195	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	1286338	29.334	ng/ul	98
44) 2-Chloronaphthalene	13.381	162	1016951	29.041	ng/ul	99
45) 2-Nitroaniline	13.592	65	203929	27.300	ng/ul	91
47) Dimethylphthalate	13.963	163	1082265	27.923	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	213193	31.068	ng/ul	91
50) Acenaphthylene	14.228	152	1479526	28.744	ng/ul	100
51) 3-Nitroaniline	14.416	138	219465	27.466	ng/ul	95
52) Acenaphthene	14.569	153	1006308	27.463	ng/ul	100
53) 2,4-Dinitrophenol	14.628	184	104028	23.466	ng/ul	91
55) 4-Nitrophenol	14.728	109	126029	25.241	ng/ul	93
56) Dibenzofuran	14.904	168	1367687	27.618	ng/ul	100
57) 2,4-Dinitrotoluene	14.875	165	290156	29.421	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.134	232	284796	31.433	ng/ul	89
59) Diethylphthalate	15.328	149	971813	27.378	ng/ul	99
61) Fluorene	15.557	166	1063177	27.350	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	539091	28.667	ng/ul	95
63) 4-Nitroaniline	15.587	138	230089	31.536	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.639	198	160292	26.759	ng/ul#	90
67) N-Nitrosodiphenylamine	15.769	169	878497	28.284	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	323314	31.663	ng/ul#	92
69) Hexachlorobenzene	16.563	284	387733	32.715	ng/ul#	89
70) Atrazine	16.722	200	287552	30.106	ng/ul	99
71) Pentachlorophenol	16.910	266	226025	32.550	ng/ul	99
72) Phenanthrene	17.304	178	1587082	27.810	ng/ul	99
74) Anthracene	17.398	178	1588525	28.128	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	569726	33.598	ng/uL	99
76) Pentachlorobenzene	14.822	250	502640	30.182	ng/uL	98
77) Carbazole	17.669	167	1458260	28.952	ng/ul	99
78) Di-n-butylphthalate	18.216	149	1419698	28.403	ng/ul	99
80) Fluoranthene	19.275	202	1899398	24.772	ng/ul	98
82) Pyrene	19.627	202	2030520	25.024	ng/ul	98
83) Butylbenzylphthalate	20.498	149	696186	27.065	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.274	252	775832	28.825	ng/ul	100
85) Benzo(a)anthracene	21.339	228	2214154	28.799	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.257	149	968258	27.923	ng/ul	99
87) Chrysene	21.392	228	2111810	28.536	ng/ul	100
89) Di-n-octyl phthalate	22.186	149	1810228	25.042	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	2581757	28.249	ng/ul	100
91) Benzo(k)fluoranthene	23.080	252	2510300	27.924	ng/ul	99
93) Benzo(a)pyrene	23.668	252	2330100	28.577	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.298	276	3184362	30.886	ng/ul	100
95) Dibenzo(a,h)anthracene	26.309	278	2733060	29.549	ng/ul	99
96) Benzo(g,h,i)perylene	27.068	276	2695522	28.998	ng/ul	100

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

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