Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063022\
Data File : BP010921.D
Acq On : 30 Jun 2022 16:53
Operator : CG/JU
Sample : PB145724BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS724

Quant Time: Jul 01 02:33:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 23:12:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	454936	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	1770739	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	868287	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	1503280	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.251	240	1465860	20.000	ng/ul	# 0.00
88) Perylene-d12	23.615	264	1687339	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	77827	6.471	ng/uL	0.00
4) Pyridine-d5	3.611	84	1023320	31.966	ng/ul	0.00
7) Phenol-d5	6.893	99	1176869	32.679	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	742837	31.540	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	989424	33.115	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	899101	31.582	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	432438	38.362	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	416729	44.685	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	756508	32.830	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	1089846	28.974	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	1819353	30.589	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	2368412	31.200	ng/ul	0.00
54) 4-Nitrophenol-d4	14.586	143	326808	35.178	ng/ul	0.00
60) Fluorene-d10	15.369	176	1541512	30.201	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	200156	40.188	ng/ul	0.00
73) Anthracene-d10	17.233	188	2125596	31.781	ng/ul	0.00
81) Pyrene-d10	19.486	212	2336048	29.252	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.462	264	2767916	33.196	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	156619	12.212	ng/uL#	86
5) Pyridine	3.628	79	1008880	31.110	ng/ul#	73
6) Benzaldehyde	6.857	77	786881	41.411	ng/ul	95
8) Phenol	6.916	94	1191253	30.928	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.146	93	951729	30.765	ng/ul	89
12) 2-Chlorophenol	7.275	128	967183	31.359	ng/ul	92
13) 2-Methylphenol	8.163	108	846995	29.537	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	1229038	29.611	ng/ul#	98
16) Acetophenone	8.540	105	1304040	29.827	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.534	70	620477	28.066	ng/ul	89
18) 4-Methylphenol	8.493	108	888650	29.758	ng/ul	97
19) Hexachloroethane	8.787	117	372913	29.856	ng/ul#	84
22) Nitrobenzene	8.916	77	983139	34.949	ng/ul	92
23) Isophorone	9.446	82	1642773	27.847	ng/ul	97
25) 2-Nitrophenol	9.628	139	451199	39.952	ng/ul#	79
26) 2,4-Dimethylphenol	9.693	107	867131	28.103	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.934	93	1102451	29.624	ng/ul	98
29) 2,4-Dichlorophenol	10.157	162	734223	30.664	ng/ul	98
30) Naphthalene	10.557	128	2806593	30.411	ng/ul	99
32) 4-Chloroaniline	10.675	127	1052396	28.239	ng/ul	100
33) Hexachlorobutadiene	10.846	225	440478	28.794	ng/ul	94
34) Caprolactam	11.463	113	200705	26.682	ng/ul	87
35) 4-Chloro-3-methylphenol	11.810	107	746699	28.773	ng/ul	96
36) 2-Methylnaphthalene	12.181	142	1690306	28.284	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	1694666	28.543	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.545	216	775146	31.066	ng/ul	98
40) Hexachlorocyclopentadiene	12.528	237	425317	26.900	ng/ul	97
41) 2,4,6-Trichlorophenol	12.792	196	475637	33.064	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	508822	32.961	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	2055832	30.076	ng/ul#	98
44) 2-Chloronaphthalene	13.240	162	1590985	30.898	ng/ul	99
45) 2-Nitroaniline	13.451	65	413857	37.882	ng/ul#	83
47) Dimethylphthalate	13.839	163	1763753	29.611	ng/ul	98
48) 2,6-Dinitrotoluene	13.957	165	333949	37.418	ng/ul	91
50) Acenaphthylene	14.092	152	2431315	29.245	ng/ul	99
51) 3-Nitroaniline	14.287	138	383083	35.804	ng/ul	89
52) Acenaphthene	14.434	153	1641911	30.608	ng/ul	99
53) 2,4-Dinitrophenol	14.486	184	118143	34.482	ng/ul#	84
55) 4-Nitrophenol	14.598	109	237455	32.145	ng/ul#	76
56) Dibenzofuran	14.775	168	2176429	29.620	ng/ul	96
57) 2,4-Dinitrotoluene	14.745	165	452436	37.939	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.004	232	365558	33.068	ng/ul#	94
59) Diethylphthalate	15.210	149	1667223	28.154	ng/ul	98
61) Fluorene	15.428	166	1720298	29.362	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.428	204	788780	28.759	ng/ul	97
63) 4-Nitroaniline	15.457	138	396311	40.061	ng/ul#	73
66) 4,6-Dinitro-2-methylph...	15.504	198	197767	36.747	ng/ul	100
67) N-Nitrosodiphenylamine	15.645	169	1402269	30.798	ng/ul	98
68) 4-Bromophenyl-phenylether	16.328	248	451905	29.995	ng/ul	97
69) Hexachlorobenzene	16.428	284	511249	29.298	ng/ul	94
70) Atrazine	16.610	200	430859	28.542	ng/ul	97
71) Pentachlorophenol	16.781	266	255874	28.477	ng/ul	99
72) Phenanthrene	17.180	178	2488584	31.086	ng/ul	98
74) Anthracene	17.269	178	2490171	30.928	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	778573	31.386	ng/uL	97
76) Pentachlorobenzene	14.686	250	668202	31.407	ng/uL	99
77) Carbazole	17.551	167	2287696	31.565	ng/ul	100
78) Di-n-butylphthalate	18.116	149	2427019	28.102	ng/ul	99
80) Fluoranthene	19.163	202	2669862	27.183	ng/ul#	90
82) Pyrene	19.516	202	2821509	28.445	ng/ul#	86
83) Butylbenzylphthalate	20.410	149	1054672	30.208	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.174	252	996093	32.908	ng/ul#	98
85) Benzo(a)anthracene	21.233	228	2870331	31.309	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.174	149	1487996	26.913	ng/ul#	96
87) Chrysene	21.286	228	2742762	31.221	ng/ul	99
89) Di-n-octyl phthalate	22.092	149	2657400	26.533	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	3235165	30.831	ng/ul#	96
91) Benzo(k)fluoranthene	22.945	252	3219067	32.275	ng/ul#	95
93) Benzo(a)pyrene	23.510	252	2956858	28.968	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.074	276	4063086	32.988	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.098	278	3405171	32.230	ng/ul#	92
96) Benzo(g,h,i)perylene	26.827	276	3295314	31.452	ng/ul#	87

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

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