Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010927.D
Acq On : 06 Jul 2022 13:14
Operator : CG/JU
Sample : PB145967BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS967

Quant Time: Jul 06 23:15:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 23:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	381304	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	1482391	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	750307	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1439424	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.239	240	1564135	20.000	ng/ul	# 0.00
88) Perylene-d12	23.598	264	1738480	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	61460	6.097	ng/uL	0.00
4) Pyridine-d5	3.611	84	747829	27.871	ng/ul	0.00
7) Phenol-d5	6.881	99	862873	28.587	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	551017	27.913	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	723120	28.875	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	659990	27.660	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	311020	32.958	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	279214	35.763	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	543280	28.162	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	471702	14.980	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	1368767	26.632	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1794164	27.352	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	268979	33.506	ng/ul	0.00
60) Fluorene-d10	15.357	176	1225521	27.786	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	159836	33.516	ng/ul	0.00
73) Anthracene-d10	17.222	188	1840965	28.746	ng/ul	0.00
81) Pyrene-d10	19.475	212	2163202	25.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.445	264	2505596	29.166	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	121919	11.342	ng/uL#	89
5) Pyridine	3.628	79	728216	26.792	ng/ul#	74
6) Benzaldehyde	6.852	77	534597	33.567	ng/ul	95
8) Phenol	6.911	94	860686	26.660	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.140	93	693322	26.740	ng/ul	90
12) 2-Chlorophenol	7.269	128	705870	27.306	ng/ul	93
13) 2-Methylphenol	8.158	108	612627	25.490	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.240	45	902500	25.943	ng/ul#	97
16) Acetophenone	8.534	105	952037	25.980	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.522	70	440539	23.775	ng/ul	90
18) 4-Methylphenol	8.487	108	655132	26.175	ng/ul	100
19) Hexachloroethane	8.775	117	275506	26.317	ng/ul#	79
22) Nitrobenzene	8.911	77	710991	30.191	ng/ul	91
23) Isophorone	9.434	82	1143291	23.150	ng/ul#	98
25) 2-Nitrophenol	9.616	139	307161	32.488	ng/ul#	82
26) 2,4-Dimethylphenol	9.687	107	661507	25.609	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.922	93	788236	25.301	ng/ul	99
29) 2,4-Dichlorophenol	10.152	162	533207	26.600	ng/ul	98
30) Naphthalene	10.546	128	2060773	26.673	ng/ul	99
32) 4-Chloroaniline	10.669	127	770138	24.685	ng/ul	99
33) Hexachlorobutadiene	10.834	225	315412	24.629	ng/ul	97
34) Caprolactam	11.452	113	146911	23.330	ng/ul	87
35) 4-Chloro-3-methylphenol	11.804	107	546468	25.153	ng/ul	94
36) 2-Methylnaphthalene	12.169	142	1240449	24.794	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	1231930	24.786	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	564342	26.174	ng/ul#	98
40) Hexachlorocyclopentadiene	12.516	237	324437	23.747	ng/ul	95
41) 2,4,6-Trichlorophenol	12.787	196	337303	27.135	ng/ul	98
42) 2,4,5-Trichlorophenol	12.857	196	369486	27.698	ng/ul	100
43) 1,1'-Biphenyl	13.193	154	1537303	26.027	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	1191310	26.774	ng/ul	98
45) 2-Nitroaniline	13.440	65	315658	33.437	ng/ul	85
47) Dimethylphthalate	13.828	163	1316172	25.571	ng/ul	99
48) 2,6-Dinitrotoluene	13.946	165	236509	30.667	ng/ul	95
50) Acenaphthylene	14.081	152	1829546	25.467	ng/ul	98
51) 3-Nitroaniline	14.275	138	293736	31.770	ng/ul	89
52) Acenaphthene	14.422	153	1243548	26.827	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	89236	30.140	ng/ul	89
55) 4-Nitrophenol	14.587	109	201626	31.587	ng/ul#	76
56) Dibenzofuran	14.763	168	1686851	26.567	ng/ul	96
57) 2,4-Dinitrotoluene	14.734	165	348293	33.799	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.987	232	270997	28.369	ng/ul#	86
59) Diethylphthalate	15.198	149	1265001	24.721	ng/ul	98
61) Fluorene	15.416	166	1348179	26.629	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	611554	25.803	ng/ul	98
63) 4-Nitroaniline	15.445	138	322977	37.782	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.493	198	158768	30.809	ng/ul	99
67) N-Nitrosodiphenylamine	15.634	169	1122372	25.744	ng/ul	98
68) 4-Bromophenyl-phenylether	16.316	248	350123	24.271	ng/ul	96
69) Hexachlorobenzene	16.416	284	411656	24.637	ng/ul	93
70) Atrazine	16.598	200	301187	20.837	ng/ul	97
71) Pentachlorophenol	16.769	266	197817	22.992	ng/ul	97
72) Phenanthrene	17.163	178	2088232	27.242	ng/ul	99
74) Anthracene	17.257	178	2133269	27.670	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	576182	24.257	ng/uL	96
76) Pentachlorobenzene	14.675	250	503607	24.721	ng/uL	98
77) Carbazole	17.534	167	2032999	29.295	ng/ul	99
78) Di-n-butylphthalate	18.104	149	2006679	24.266	ng/ul	99
80) Fluoranthene	19.145	202	2413723	23.031	ng/ul#	87
82) Pyrene	19.504	202	2566109	24.245	ng/ul#	86
83) Butylbenzylphthalate	20.398	149	961673	25.814	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.163	252	877995	27.184	ng/ul#	98
85) Benzo(a)anthracene	21.222	228	2669140	27.285	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.163	149	1444578	24.487	ng/ul#	97
87) Chrysene	21.275	228	2540095	27.097	ng/ul	99
89) Di-n-octyl phthalate	22.080	149	2537603	24.591	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	3008260	27.826	ng/ul#	95
91) Benzo(k)fluoranthene	22.927	252	2824104	27.482	ng/ul#	95
93) Benzo(a)pyrene	23.492	252	2654491	25.240	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.045	276	3566226	28.102	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.068	278	2981754	27.392	ng/ul#	93
96) Benzo(g,h,i)perylene	26.798	276	2932258	27.164	ng/ul#	88

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

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