Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015868.D
Acq On : 01 Jul 2023 04:43
Operator : MA/JU
Sample : PB153574BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS574

Quant Time: Jul 01 05:35:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	224318	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	935972	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	518696	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	994298	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	831071	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	962668	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	36828	5.907	ng/uL	0.00
4) Pyridine-d5	3.817	84	515089	32.774	ng/ul	0.00
7) Phenol-d5	7.222	99	679929	35.426	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	461460	38.862	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	545290	37.637	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	541467	35.712	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	262252	36.663	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	287173	34.398	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	503156	33.821	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	675135	35.327	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	1410405	35.180	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1602644	35.561	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	165729	31.325	ng/ul	0.00
60) Fluorene-d10	15.692	176	1116702	33.828	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	191628	31.338	ng/ul	0.00
73) Anthracene-d10	17.563	188	1616270	35.587	ng/ul	0.00
81) Pyrene-d10	19.786	212	1809436	33.343	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1806500	37.200	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	78109	11.641	ng/uL	100
5) Pyridine	3.840	79	502481	30.561	ng/ul	93
6) Benzaldehyde	7.193	77	416886	53.724	ng/ul	95
8) Phenol	7.252	94	696704	34.980	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.469	93	574018	36.223	ng/ul	100
12) 2-Chlorophenol	7.610	128	520604	33.822	ng/ul	99
13) 2-Methylphenol	8.510	108	513527	34.149	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.581	45	839301	38.778	ng/ul	97
16) Acetophenone	8.893	105	823250	33.030	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.869	70	457290	33.034	ng/ul	99
18) 4-Methylphenol	8.852	108	554426	34.315	ng/ul	96
19) Hexachloroethane	9.128	117	224828	31.625	ng/ul	92
22) Nitrobenzene	9.275	77	653908	32.553	ng/ul	95
23) Isophorone	9.804	82	1267601	32.976	ng/ul	98
25) 2-Nitrophenol	9.993	139	294765	33.269	ng/ul#	91
26) 2,4-Dimethylphenol	10.052	107	545485	28.006	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.281	93	774449	35.689	ng/ul	99
29) 2,4-Dichlorophenol	10.540	162	470755	31.828	ng/ul	99
30) Naphthalene	10.922	128	1658116	32.588	ng/ul	99
32) 4-Chloroaniline	11.057	127	600279	30.233	ng/ul	96
33) Hexachlorobutadiene	11.187	225	307675	27.546	ng/ul	98
34) Caprolactam	11.863	113	148104	32.736	ng/ul	91
35) 4-Chloro-3-methylphenol	12.187	107	525887	30.376	ng/ul	98
36) 2-Methylnaphthalene	12.534	142	1060701	31.667	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	1079107	31.581	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.898	216	554393	32.434	ng/ul	99
40) Hexachlorocyclopentadiene	12.857	237	91006	17.797	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	342234	31.682	ng/ul	99
42) 2,4,5-Trichlorophenol	13.240	196	373068	32.560	ng/ul	98
43) 1,1'-Biphenyl	13.534	154	1388266	33.791	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	1078655	33.328	ng/ul	99
45) 2-Nitroaniline	13.804	65	345451	33.922	ng/ul	96
47) Dimethylphthalate	14.151	163	1334991	32.176	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	271641	32.276	ng/ul	94
50) Acenaphthylene	14.422	152	1647063	33.168	ng/ul	100
51) 3-Nitroaniline	14.640	138	259032	39.248	ng/ul	94
52) Acenaphthene	14.763	153	1146101	33.283	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	104153	23.326	ng/ul	88
55) 4-Nitrophenol	14.969	109	118424	21.600	ng/ul#	78
56) Dibenzofuran	15.098	168	1534023	32.091	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	362258	31.586	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.339	232	282218	28.676	ng/ul	99
59) Diethylphthalate	15.510	149	1348535	32.118	ng/ul	98
61) Fluorene	15.751	166	1233586	31.815	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.734	204	607839	30.637	ng/ul	97
63) 4-Nitroaniline	15.810	138	231544	51.260	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.869	198	184027	29.745	ng/ul	97
67) N-Nitrosodiphenylamine	15.957	169	1023527	34.386	ng/ul	99
68) 4-Bromophenyl-phenylether	16.634	248	365579	32.198	ng/ul	94
69) Hexachlorobenzene	16.763	284	414571	30.944	ng/ul	99
70) Atrazine	16.916	200	246618	21.644	ng/ul	97
71) Pentachlorophenol	17.128	266	189460	29.465	ng/ul	96
72) Phenanthrene	17.504	178	1838533	34.037	ng/ul	100
74) Anthracene	17.598	178	1828998	33.698	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	542289	33.518	ng/uL	98
76) Pentachlorobenzene	15.022	250	513845	31.468	ng/uL	99
77) Carbazole	17.881	167	1646253	35.986	ng/ul	99
78) Di-n-butylphthalate	18.386	149	2277221	37.548	ng/ul	99
80) Fluoranthene	19.463	202	2074275	30.756	ng/ul#	93
82) Pyrene	19.822	202	2142807	31.147	ng/ul#	92
83) Butylbenzylphthalate	20.663	149	1007055	35.880	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.463	252	699757	37.247	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2005401	34.303	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1498612	38.851	ng/ul#	99
87) Chrysene	21.592	228	1923516	34.679	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	2569456	36.522	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2099169	33.937	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	2049773	32.798	ng/ul#	97
93) Benzo(a)pyrene	23.980	252	1852260	34.270	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	2474640	33.727	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.798	278	2048612	33.993	ng/ul#	96
96) Benzo(g,h,i)perylene	27.627	276	2026184	33.567	ng/ul#	96

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

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