Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062422\
Data File : BP010799.D
Acq On : 24 Jun 2022 18:24
Operator : CG/JU
Sample : PB145730BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS730

Quant Time: Jun 24 22:46:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 22:42:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	389711	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	1560987	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.381	164	815639	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.140	188	1470996	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.257	240	1309937	20.000	ng/ul	# 0.00
88) Perylene-d12	23.622	264	1419554	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	70953	6.887	ng/uL	0.00
4) Pyridine-d5	3.605	84	950017	34.643	ng/ul	0.00
7) Phenol-d5	6.893	99	1106964	35.882	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	718229	35.599	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	927602	36.242	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	873572	35.821	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	412792	41.540	ng/ul	0.00
24) 2-Nitrophenol-d4	9.605	143	361432	43.963	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	746941	36.770	ng/ul	0.00
31) 4-Chloroaniline-d4	10.658	131	1111568	33.522	ng/ul	0.00
46) Dimethylphthalate-d6	13.799	166	2013988	36.047	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	2591436	36.342	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	338460	38.784	ng/ul	0.00
60) Fluorene-d10	15.381	176	1691580	35.280	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	189373	38.857	ng/ul	0.00
73) Anthracene-d10	17.240	188	2335434	35.685	ng/ul	0.00
81) Pyrene-d10	19.492	212	2549104	35.719	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	2641573	37.657	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	137509	12.516	ng/uL#	87
5) Pyridine	3.623	79	882596	31.771	ng/ul#	76
6) Benzaldehyde	6.864	77	743381	45.670	ng/ul	96
8) Phenol	6.922	94	1067566	32.355	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.158	93	870490	32.849	ng/ul	89
12) 2-Chlorophenol	7.287	128	865470	32.758	ng/ul	91
13) 2-Methylphenol	8.169	108	779657	31.740	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.264	45	1183589	33.289	ng/ul#	97
16) Acetophenone	8.546	105	1228851	32.811	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.540	70	598384	31.597	ng/ul	90
18) 4-Methylphenol	8.499	108	831436	32.502	ng/ul	99
19) Hexachloroethane	8.799	117	355104	33.188	ng/ul#	83
22) Nitrobenzene	8.922	77	902789	36.405	ng/ul	92
23) Isophorone	9.452	82	1670298	32.118	ng/ul	98
25) 2-Nitrophenol	9.634	139	390306	39.204	ng/ul#	80
26) 2,4-Dimethylphenol	9.699	107	830205	30.522	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.946	93	1069079	32.588	ng/ul	98
29) 2,4-Dichlorophenol	10.163	162	691715	32.770	ng/ul	99
30) Naphthalene	10.569	128	2635509	32.394	ng/ul	99
32) 4-Chloroaniline	10.681	127	1011784	30.797	ng/ul	100
33) Hexachlorobutadiene	10.858	225	431336	31.986	ng/ul	95
34) Caprolactam	11.446	113	211164	31.845	ng/ul	88
35) 4-Chloro-3-methylphenol	11.816	107	739198	32.311	ng/ul	92
36) 2-Methylnaphthalene	12.187	142	1653123	31.379	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	1650291	31.531	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.557	216	774510	33.044	ng/ul	99
40) Hexachlorocyclopentadiene	12.540	237	453748	30.551	ng/ul	97
41) 2,4,6-Trichlorophenol	12.804	196	468823	34.694	ng/ul	98
42) 2,4,5-Trichlorophenol	12.869	196	509118	35.109	ng/ul	98
43) 1,1'-Biphenyl	13.210	154	2081029	32.410	ng/ul#	98
44) 2-Chloronaphthalene	13.246	162	1605529	33.193	ng/ul	98
45) 2-Nitroaniline	13.457	65	410633	40.013	ng/ul#	80
47) Dimethylphthalate	13.846	163	1859107	33.226	ng/ul	98
48) 2,6-Dinitrotoluene	13.963	165	340122	40.570	ng/ul	90
50) Acenaphthylene	14.099	152	2475442	31.697	ng/ul	99
51) 3-Nitroaniline	14.287	138	379000	37.709	ng/ul	89
52) Acenaphthene	14.446	153	1687653	33.491	ng/ul	98
53) 2,4-Dinitrophenol	14.493	184	107805	33.495	ng/ul#	80
55) 4-Nitrophenol	14.593	109	238310	34.343	ng/ul#	75
56) Dibenzofuran	14.781	168	2231592	32.331	ng/ul	95
57) 2,4-Dinitrotoluene	14.746	165	461078	41.159	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.004	232	375599	36.169	ng/ul	91
59) Diethylphthalate	15.222	149	1814930	32.626	ng/ul	99
61) Fluorene	15.434	166	1791289	32.547	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.434	204	831993	32.292	ng/ul	98
63) 4-Nitroaniline	15.457	138	393049	42.296	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.510	198	189230	35.932	ng/ul	96
67) N-Nitrosodiphenylamine	15.651	169	1485342	33.338	ng/ul	98
68) 4-Bromophenyl-phenylether	16.334	248	498928	33.843	ng/ul	98
69) Hexachlorobenzene	16.440	284	569484	33.351	ng/ul	97
70) Atrazine	16.616	200	486884	32.961	ng/ul	99
71) Pentachlorophenol	16.787	266	285904	32.517	ng/ul	98
72) Phenanthrene	17.187	178	2631159	33.588	ng/ul	99
74) Anthracene	17.275	178	2598384	32.980	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.169	216	797702	32.863	ng/uL	97
76) Pentachlorobenzene	14.693	250	707898	34.003	ng/uL	99
77) Carbazole	17.551	167	2385653	33.639	ng/ul	99
78) Di-n-butylphthalate	18.128	149	2836425	33.563	ng/ul	99
80) Fluoranthene	19.163	202	2847229	32.439	ng/ul#	88
82) Pyrene	19.516	202	2895044	32.661	ng/ul#	83
83) Butylbenzylphthalate	20.416	149	1136648	36.431	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	943831	34.893	ng/ul	99
85) Benzo(a)anthracene	21.239	228	2791147	34.069	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.192	149	1789156	36.212	ng/ul#	97
87) Chrysene	21.292	228	2634652	33.560	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	2898591	34.400	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	3043522	34.477	ng/ul#	96
91) Benzo(k)fluoranthene	22.951	252	2941959	35.061	ng/ul#	95
93) Benzo(a)pyrene	23.522	252	2691716	31.344	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.092	276	3744047	36.132	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.116	278	3137067	35.294	ng/ul#	93
96) Benzo(g,h,i)perylene	26.845	276	3067204	34.797	ng/ul#	88

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

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