Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071822\
Data File : BP011012.D
Acq On : 19 Jul 2022 02:11
Operator : CG/JU
Sample : PB146279BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS279

Quant Time: Jul 19 03:15:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 14 15:34:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	477774	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1946341	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.339	164	1041585	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.110	188	2041954	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.227	240	2019653	20.000	ng/ul	#-0.01
88) Perylene-d12	23.580	264	2225784	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	72416	5.464	ng/uL	0.00
4) Pyridine-d5	3.587	84	846691	24.717	ng/ul	0.00
7) Phenol-d5	6.858	99	1038329	26.475	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	682657	27.069	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	888963	28.052	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	801051	25.514	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	398037	28.062	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	394835	28.132	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	690582	26.905	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	1023085	24.178	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1928081	27.084	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	2380295	28.339	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	375725	26.078	ng/ul	0.00
60) Fluorene-d10	15.339	176	1614226	26.677	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	263798	26.108	ng/ul	0.00
73) Anthracene-d10	17.210	188	2408310	27.743	ng/ul	0.00
81) Pyrene-d10	19.463	212	2828291	26.664	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.427	264	3032279	28.365	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	157106	11.298	ng/uL#	86
5) Pyridine	3.611	79	894516	25.339	ng/ul#	75
6) Benzaldehyde	6.828	77	641711	33.686	ng/ul	98
8) Phenol	6.887	94	1098150	26.342	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.116	93	914474	27.640	ng/ul	89
12) 2-Chlorophenol	7.246	128	917350	28.004	ng/ul	94
13) 2-Methylphenol	8.128	108	798070	25.887	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1256017	27.756	ng/ul#	98
16) Acetophenone	8.510	105	1251209	26.325	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.499	70	613498	25.725	ng/ul	91
18) 4-Methylphenol	8.463	108	852110	25.887	ng/ul	99
19) Hexachloroethane	8.752	117	384276	29.643	ng/ul#	80
22) Nitrobenzene	8.887	77	958316	28.730	ng/ul	93
23) Isophorone	9.416	82	1672924	26.797	ng/ul	97
25) 2-Nitrophenol	9.593	139	442998	28.119	ng/ul#	80
26) 2,4-Dimethylphenol	9.663	107	879843	26.410	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.899	93	1099729	26.619	ng/ul	98
29) 2,4-Dichlorophenol	10.128	162	707256	26.622	ng/ul	99
30) Naphthalene	10.522	128	2700693	27.229	ng/ul	99
32) 4-Chloroaniline	10.646	127	980173	23.419	ng/ul	100
33) Hexachlorobutadiene	10.810	225	427166	27.623	ng/ul	95
34) Caprolactam	11.440	113	226988	24.380	ng/ul	94
35) 4-Chloro-3-methylphenol	11.781	107	779675	25.969	ng/ul	96
36) 2-Methylnaphthalene	12.145	142	1671464	25.995	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	1674869	25.987	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.516	216	758767	27.620	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	471803	27.729	ng/ul	97
41) 2,4,6-Trichlorophenol	12.763	196	480427	26.556	ng/ul	98
42) 2,4,5-Trichlorophenol	12.834	196	522594	27.029	ng/ul	100
43) 1,1'-Biphenyl	13.169	154	2093402	26.936	ng/ul#	97
44) 2-Chloronaphthalene	13.210	162	1617410	27.707	ng/ul	98
45) 2-Nitroaniline	13.422	65	476074	27.992	ng/ul	85
47) Dimethylphthalate	13.810	163	1947973	27.118	ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	385092	29.611	ng/ul	94
50) Acenaphthylene	14.063	152	2526797	26.810	ng/ul	98
51) 3-Nitroaniline	14.257	138	436458	27.934	ng/ul	92
52) Acenaphthene	14.404	153	1736310	27.809	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	175124	23.017	ng/ul#	84
55) 4-Nitrophenol	14.575	109	288796	26.181	ng/ul#	74
56) Dibenzofuran	14.745	168	2302185	26.722	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	552315	29.774	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.975	232	391464	25.854	ng/ul#	89
59) Diethylphthalate	15.187	149	2017188	27.344	ng/ul	99
61) Fluorene	15.398	166	1886894	27.291	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	855024	26.862	ng/ul	95
63) 4-Nitroaniline	15.428	138	467659	32.568	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.481	198	276625	26.687	ng/ul	97
67) N-Nitrosodiphenylamine	15.616	169	1587635	27.218	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	515980	28.018	ng/ul	95
69) Hexachlorobenzene	16.404	284	586400	27.435	ng/ul	95
70) Atrazine	16.581	200	185776	9.207	ng/ul	97
71) Pentachlorophenol	16.757	266	293070	22.264	ng/ul	98
72) Phenanthrene	17.151	178	2946319	27.695	ng/ul	99
74) Anthracene	17.245	178	2974971	28.112	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	775683	26.535	ng/uL	96
76) Pentachlorobenzene	14.657	250	700726	27.346	ng/uL	98
77) Carbazole	17.522	167	2815104	28.423	ng/ul	99
78) Di-n-butylphthalate	18.092	149	3504900	28.310	ng/ul	99
80) Fluoranthene	19.139	202	3408780	27.477	ng/ul#	89
82) Pyrene	19.492	202	3536636	27.631	ng/ul#	83
83) Butylbenzylphthalate	20.386	149	1718586	30.098	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.157	252	1163398	32.532	ng/ul#	98
85) Benzo(a)anthracene	21.216	228	3508867	28.528	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.157	149	2599563	30.512	ng/ul#	97
87) Chrysene	21.269	228	3352156	27.756	ng/ul	99
89) Di-n-octyl phthalate	22.068	149	4513167	30.234	ng/ul	100
90) Benzo(b)fluoranthene	22.863	252	3768659	27.422	ng/ul#	95
91) Benzo(k)fluoranthene	22.916	252	3782148	29.298	ng/ul#	96
93) Benzo(a)pyrene	23.480	252	3376006	25.579	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.021	276	4555689	29.701	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.045	278	3810109	28.707	ng/ul#	93
96) Benzo(g,h,i)perylene	26.768	276	3748992	28.698	ng/ul#	87

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

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