Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071122\
Data File : BP010959.D
Acq On : 11 Jul 2022 21:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020697

Quant Time: Jul 12 01:24:15 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	7.699	152	490913	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	1935234	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.351	164	936835	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1669778	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.227	240	1666364	20.000	ng/ul	#-0.01
88) Perylene-d12	23.580	264	1900802	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	101975	7.858	ng/uL	0.00
4) Pyridine-d5	3.605	84	626449	18.134	ng/ul	0.00
7) Phenol-d5	6.875	99	684832	17.623	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	452774	17.815	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	583519	18.098	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	523414	17.038	ng/ul	-0.01
21) Nitrobenzene-d5	8.857	128	247655	20.102	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	221060	21.689	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.116	165	429782	17.066	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	675617	16.435	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1012770	15.782	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	1350165	16.485	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	179381	17.896	ng/ul	-0.01
60) Fluorene-d10	15.351	176	908816	16.503	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	105162	19.009	ng/ul	0.00
73) Anthracene-d10	17.216	188	1250468	16.832	ng/ul	0.00
81) Pyrene-d10	19.463	212	1386288	15.270	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.427	264	1592237	16.951	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	102664	7.418	ng/uL#	85
5) Pyridine	3.622	79	649936	18.573	ng/ul#	78
6) Benzaldehyde	6.846	77	422162	20.589	ng/ul	97
8) Phenol	6.899	94	742698	17.869	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.134	93	595216	17.831	ng/ul	90
12) 2-Chlorophenol	7.263	128	610324	18.338	ng/ul	92
13) 2-Methylphenol	8.146	108	525531	16.984	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.228	45	797464	17.805	ng/ul	99
16) Acetophenone	8.522	105	814596	17.266	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.510	70	381132	15.977	ng/ul	91
18) 4-Methylphenol	8.475	108	559615	17.366	ng/ul	96
19) Hexachloroethane	8.769	117	239116	17.741	ng/ul#	79
22) Nitrobenzene	8.899	77	599734	19.507	ng/ul	92
23) Isophorone	9.428	82	966461	14.990	ng/ul	99
25) 2-Nitrophenol	9.610	139	260459	21.102	ng/ul#	81
26) 2,4-Dimethylphenol	9.675	107	576661	17.101	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.916	93	682032	16.769	ng/ul	97
29) 2,4-Dichlorophenol	10.140	162	453452	17.328	ng/ul	99
30) Naphthalene	10.540	128	1744406	17.295	ng/ul	99
32) 4-Chloroaniline	10.657	127	683555	16.783	ng/ul	99
33) Hexachlorobutadiene	10.828	225	275168	16.459	ng/ul	94
34) Caprolactam	11.446	113	110250	13.411	ng/ul	90
35) 4-Chloro-3-methylphenol	11.793	107	451209	15.909	ng/ul	95
36) 2-Methylnaphthalene	12.163	142	1060961	16.244	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	1054666	16.254	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	476017	17.682	ng/ul	98
40) Hexachlorocyclopentadiene	12.510	237	265314	15.553	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	279199	17.988	ng/ul	99
42) 2,4,5-Trichlorophenol	12.845	196	302642	18.170	ng/ul	99
43) 1,1'-Biphenyl	13.181	154	1293770	17.542	ng/ul#	98
44) 2-Chloronaphthalene	13.222	162	989552	17.812	ng/ul	99
45) 2-Nitroaniline	13.434	65	244011	20.701	ng/ul#	84
47) Dimethylphthalate	13.822	163	1034799	16.101	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	176834	18.364	ng/ul	95
50) Acenaphthylene	14.075	152	1535366	17.117	ng/ul	99
51) 3-Nitroaniline	14.269	138	216174	18.726	ng/ul	89
52) Acenaphthene	14.416	153	990643	17.116	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	69307	18.748	ng/ul#	85
55) 4-Nitrophenol	14.581	109	147601	18.519	ng/ul#	74
56) Dibenzofuran	14.751	168	1364672	17.213	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	249667	19.404	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.981	232	202773	17.001	ng/ul#	85
59) Diethylphthalate	15.192	149	967453	15.142	ng/ul	98
61) Fluorene	15.404	166	1053152	16.660	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	485316	16.400	ng/ul	97
63) 4-Nitroaniline	15.434	138	219774	20.590	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.487	198	112436	18.808	ng/ul	99
67) N-Nitrosodiphenylamine	15.622	169	864198	17.088	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	261280	15.613	ng/ul	98
69) Hexachlorobenzene	16.410	284	303376	15.652	ng/ul#	93
70) Atrazine	16.592	200	243722	14.535	ng/ul	98
71) Pentachlorophenol	16.763	266	146484	14.677	ng/ul	97
72) Phenanthrene	17.157	178	1553275	17.468	ng/ul	99
74) Anthracene	17.251	178	1553564	17.371	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	477431	17.327	ng/uL	98
76) Pentachlorobenzene	14.669	250	406310	17.193	ng/uL	99
77) Carbazole	17.528	167	1435142	17.827	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1329606	13.860	ng/ul	99
80) Fluoranthene	19.139	202	1663310	14.897	ng/ul#	86
82) Pyrene	19.492	202	1756683	15.579	ng/ul#	82
83) Butylbenzylphthalate	20.386	149	579046	14.589	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.151	252	569508	16.551	ng/ul#	98
85) Benzo(a)anthracene	21.210	228	1767834	16.963	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.157	149	866011	13.779	ng/ul#	97
87) Chrysene	21.263	228	1748192	17.505	ng/ul	99
89) Di-n-octyl phthalate	22.069	149	1528915	13.551	ng/ul	100
90) Benzo(b)fluoranthene	22.863	252	1958514	16.569	ng/ul#	96
91) Benzo(k)fluoranthene	22.910	252	1908372	16.985	ng/ul#	94
93) Benzo(a)pyrene	23.474	252	1986707	17.277	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.015	276	2385553	17.193	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.045	278	2062707	17.331	ng/ul#	93
96) Benzo(g,h,i)perylene	26.768	276	2037433	17.262	ng/ul#	86

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

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