Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071123\
Data File : BP016185.D
Acq On : 11 Jul 2023 17:08
Operator : MA/JU
Sample : SSTD01096
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010640

Quant Time: Jul 12 01:13:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 12 00:24:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	135138	20.000	ng/ul	0.01
20) Naphthalene-d8	10.793	136	646794	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.622	164	440838	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1015804	20.000	ng/ul	0.01
79) Chrysene-d12	21.492	240	1062412	20.000	ng/ul	0.01
88) Perylene-d12	23.998	264	1261581	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	14172m	3.773	ng/uL	0.00
4) Pyridine-d5	3.758	84	63124	6.667	ng/ul	0.02
7) Phenol-d5	7.187	99	94633	8.184	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.316	67	71544	10.001	ng/ul	0.02
11) 2-Chlorophenol-d4	7.522	132	76921	8.813	ng/ul	0.02
15) 4-Methylphenol-d8	8.740	113	65632	7.185	ng/ul	0.03
21) Nitrobenzene-d5	9.187	128	37905	7.668	ng/ul	0.03
24) 2-Nitrophenol-d4	9.922	143	40948	7.098	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.510	165	71537	6.958	ng/ul	0.06
31) 4-Chloroaniline-d4	11.005	131	116914	8.853	ng/ul	0.04
46) Dimethylphthalate-d6	14.046	166	312342	9.167	ng/ul	0.01
49) Acenaphthylene-d8	14.322	160	335604	8.762	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	30843m	6.859	ng/ul	0.06
60) Fluorene-d10	15.628	176	262144	9.344	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.834	200	32609m	5.220	ng/ul	0.04
73) Anthracene-d10	17.504	188	420060	9.053	ng/ul	0.02
81) Pyrene-d10	19.739	212	504236	7.268	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.827	264	559414	8.790	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	15823	3.915	ng/uL	91
5) Pyridine	3.775	79	70229	7.090	ng/ul	97
6) Benzaldehyde	7.164	77	70863	15.159	ng/ul	97
8) Phenol	7.211	94	108704	9.060	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.411	93	92811	9.722	ng/ul	98
12) 2-Chlorophenol	7.552	128	83282	8.981	ng/ul	97
13) 2-Methylphenol	8.463	108	81756	9.025	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.516	45	165792	12.715	ng/ul	98
16) Acetophenone	8.852	105	145897	9.717	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.799	70	79303	9.509	ng/ul	97
18) 4-Methylphenol	8.822	108	92770	9.531	ng/ul	97
19) Hexachloroethane	9.034	117	39114	9.133	ng/ul	97
22) Nitrobenzene	9.234	77	110779	7.981	ng/ul	95
23) Isophorone	9.734	82	229159	8.627	ng/ul	99
25) 2-Nitrophenol	9.957	139	46904	7.661	ng/ul	98
26) 2,4-Dimethylphenol	10.016	107	106803	7.935	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.246	93	121549	8.106	ng/ul	99
29) 2,4-Dichlorophenol	10.534	162	74769	7.315	ng/ul	93
30) Naphthalene	10.846	128	328213	9.335	ng/ul	99
32) 4-Chloroaniline	11.034	127	114749	8.363	ng/ul	100
33) Hexachlorobutadiene	11.093	225	56838	7.364	ng/ul	97
34) Caprolactam	11.822	113	28065m	8.977	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	99024	8.277	ng/ul	99
36) 2-Methylnaphthalene	12.475	142	215785	9.323	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	226597	9.596	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.840	216	113729	7.829	ng/ul	99
40) Hexachlorocyclopentadiene	12.775	237	13569	3.122	ng/ul	94
41) 2,4,6-Trichlorophenol	13.116	196	68184m	7.427	ng/ul	
42) 2,4,5-Trichlorophenol	13.222	196	66816	6.861	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	294522	8.435	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	233483	8.488	ng/ul	99
45) 2-Nitroaniline	13.787	65	62814	7.257	ng/ul	98
47) Dimethylphthalate	14.093	163	323196	9.165	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	51077	7.141	ng/ul	91
50) Acenaphthylene	14.351	152	392148	9.292	ng/ul	100
51) 3-Nitroaniline	14.634	138	47441m	8.458	ng/ul	
52) Acenaphthene	14.687	153	271604	9.280	ng/ul	98
53) 2,4-Dinitrophenol	14.893	184	15438m	4.068	ng/ul	
55) 4-Nitrophenol	14.987	109	35307m	7.577	ng/ul	
56) Dibenzofuran	15.045	168	371403	9.142	ng/ul	100
57) 2,4-Dinitrotoluene	15.081	165	78138	8.016	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.293	232	66148	7.908	ng/ul	97
59) Diethylphthalate	15.445	149	330506	9.262	ng/ul	99
61) Fluorene	15.687	166	307223	9.323	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	148682	8.818	ng/ul	98
63) 4-Nitroaniline	15.828	138	39026m	10.166	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.857	198	35362	5.595	ng/ul#	91
67) N-Nitrosodiphenylamine	15.898	169	251145	8.259	ng/ul	98
68) 4-Bromophenyl-phenylether	16.569	248	87937	7.581	ng/ul	99
69) Hexachlorobenzene	16.692	284	106586	7.787	ng/ul	98
70) Atrazine	16.863	200	89562	7.694	ng/ul	99
71) Pentachlorophenol	17.081	266	35922	5.468	ng/ul	94
72) Phenanthrene	17.439	178	500436	9.068	ng/ul	99
74) Anthracene	17.539	178	501897	9.051	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.440	216	123744	7.486	ng/uL	99
76) Pentachlorobenzene	14.957	250	118503	7.104	ng/uL	99
77) Carbazole	17.845	167	411843	8.812	ng/ul	99
78) Di-n-butylphthalate	18.328	149	550802	8.890	ng/ul	99
80) Fluoranthene	19.416	202	583330	6.766	ng/ul	100
82) Pyrene	19.769	202	648598	7.375	ng/ul	100
83) Butylbenzylphthalate	20.604	149	259967	7.245	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.422	252	196260	8.172	ng/ul	98
85) Benzo(a)anthracene	21.475	228	641600	8.585	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	388140	7.871	ng/ul	99
87) Chrysene	21.533	228	657258	9.269	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	690505	7.489	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	675453	8.333	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	676781	8.263	ng/ul	98
93) Benzo(a)pyrene	23.886	252	660872	9.330	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.651	276	805968m	8.382	ng/ul	
95) Dibenzo(a,h)anthracene	26.663	278	665579m	8.427	ng/ul	
96) Benzo(g,h,i)perylene	27.486	276	655997m	8.293	ng/ul	

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

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