Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010423\
Data File : BP013392.D
Acq On : 04 Jan 2023 16:49
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020736

Quant Time: Jan 05 04:08:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 04:02:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	475084	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1995272	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	1253017	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	2393913	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	1477654	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	1675132	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	91769	8.259	ng/uL	0.00
4) Pyridine-d5	3.746	84	676703	21.439	ng/ul	0.00
7) Phenol-d5	7.087	99	781851	20.205	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	517150	22.154	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	609935	20.023	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	613099	19.336	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	291398	19.877	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	321184	19.461	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	645376	20.132	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	827759	18.291	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	1769819	18.378	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	2086320	19.716	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	268747	15.514	ng/ul	0.00
60) Fluorene-d10	15.569	176	1542518	18.934	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	269433	17.490	ng/ul	0.00
73) Anthracene-d10	17.428	188	2113314	19.568	ng/ul	0.00
81) Pyrene-d10	19.663	212	1965624	23.175	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1573711	18.848	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	99146	8.548	ng/uL	91
5) Pyridine	3.770	79	685238	21.844	ng/ul	92
6) Benzaldehyde	7.063	77	319483	21.085	ng/ul	92
8) Phenol	7.116	94	807477	20.638	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.352	93	661287	20.592	ng/ul	93
12) 2-Chlorophenol	7.493	128	633052	20.265	ng/ul	95
13) 2-Methylphenol	8.375	108	593920	19.471	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.458	45	1065188	24.173	ng/ul#	95
16) Acetophenone	8.758	105	1013967	20.856	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.740	70	524527	21.455	ng/ul	90
18) 4-Methylphenol	8.705	108	661673	19.584	ng/ul	100
19) Hexachloroethane	9.010	117	254150	20.359	ng/ul	96
22) Nitrobenzene	9.140	77	773779	22.493	ng/ul	93
23) Isophorone	9.669	82	1374317	19.758	ng/ul	97
25) 2-Nitrophenol	9.852	139	358205	20.031	ng/ul#	87
26) 2,4-Dimethylphenol	9.910	107	725624	20.797	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.152	93	895067	20.124	ng/ul	100
29) 2,4-Dichlorophenol	10.387	162	633246	20.166	ng/ul	98
30) Naphthalene	10.793	128	2092585	20.053	ng/ul	100
32) 4-Chloroaniline	10.904	127	839117	18.737	ng/ul	99
33) Hexachlorobutadiene	11.069	225	446515	20.710	ng/ul	98
34) Caprolactam	11.693	113	156442	14.611	ng/ul	86
35) 4-Chloro-3-methylphenol	12.022	107	626880	19.562	ng/ul	99
36) 2-Methylnaphthalene	12.399	142	1389422	19.409	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.616	142	1419345	19.279	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.763	216	856290	21.223	ng/ul	99
40)	Hexachlorocyclopentadiene	12.740	237	467357	17.800	ng/ul	100
41)	2,4,6-Trichlorophenol	13.004	196	529041	20.403	ng/ul	99
42)	2,4,5-Trichlorophenol	13.075	196	556799	19.991	ng/ul	99
43)	1,1'-Biphenyl	13.404	154	1919120	20.393	ng/ul	99
44)	2-Chloronaphthalene	13.451	162	1522998	20.563	ng/ul	99
45)	2-Nitroaniline	13.657	65	391943	21.826	ng/ul	90
47)	Dimethylphthalate	14.028	163	1757999	18.419	ng/ul	100
48)	2,6-Dinitrotoluene	14.151	165	327609	18.469	ng/ul	96
50)	Acenaphthylene	14.293	152	2283781	20.075	ng/ul	99
51)	3-Nitroaniline	14.481	138	270127	16.128	ng/ul	92
52)	Acenaphthene	14.634	153	1574397	19.971	ng/ul	100
53)	2,4-Dinitrophenol	14.692	184	163164	13.457	ng/ul	93
55)	4-Nitrophenol	14.787	109	211641	17.906	ng/ul	88
56)	Dibenzofuran	14.969	168	2233999	19.931	ng/ul	100
57)	2,4-Dinitrotoluene	14.940	165	444492	17.251	ng/ul#	87
58)	2,3,4,6-Tetrachlorophenol	15.198	232	466026	18.334	ng/ul	98
59)	Diethylphthalate	15.387	149	1585699	17.090	ng/ul	100
61)	Fluorene	15.622	166	1782467	19.829	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.616	204	937028	19.711	ng/ul	100
63)	4-Nitroaniline	15.645	138	225490	15.300	ng/ul	88
66)	4,6-Dinitro-2-methylph...	15.704	198	271750	18.051	ng/ul#	96
67)	N-Nitrosodiphenylamine	15.828	169	1424075	21.457	ng/ul	99
68)	4-Bromophenyl-phenylether	16.516	248	537544	20.677	ng/ul	98
69)	Hexachlorobenzene	16.628	284	626163	20.285	ng/ul	97
70)	Atrazine	16.787	200	445614	17.230	ng/ul	100
71)	Pentachlorophenol	16.975	266	310473	16.608	ng/ul	98
72)	Phenanthrene	17.375	178	2502217	20.068	ng/ul	99
74)	Anthracene	17.463	178	2495107	20.041	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.369	216	837622	24.524	ng/uL	99
76)	Pentachlorobenzene	14.892	250	804584	23.105	ng/uL	99
77)	Carbazole	17.733	167	1979012	18.874	ng/ul	99
78)	Di-n-butylphthalate	18.275	149	1887694	14.786	ng/ul	99
80)	Fluoranthene	19.333	202	2324691	24.149	ng/ul	99
82)	Pyrene	19.692	202	2427007	24.440	ng/ul	98
83)	Butylbenzylphthalate	20.557	149	552104	14.392	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.333	252	541393	16.218	ng/ul	100
85)	Benzo(a)anthracene	21.398	228	1917485	19.547	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.310	149	677211	12.514	ng/ul	98
87)	Chrysene	21.451	228	1874162	20.203	ng/ul	99
89)	Di-n-octyl phthalate	22.257	149	1073015	11.434	ng/ul	100
90)	Benzo(b)fluoranthene	23.127	252	2004030	18.761	ng/ul	99
91)	Benzo(k)fluoranthene	23.174	252	1939843	18.314	ng/ul	99
93)	Benzo(a)pyrene	23.768	252	1805084	19.407	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.451	276	2745661	23.699	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.468	278	2282544	23.796	ng/ul	99
96)	Benzo(g,h,i)perylene	27.245	276	2282453	24.540	ng/ul	99

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

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