Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015987.D
Acq On : 04 Jul 2023 21:55
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020788

Quant Time: Jul 04 23:40:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	240637	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	1102410	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.687	164	672799	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.451	188	1378640	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	986731	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	1068362	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	53456	7.992	ng/uL	0.00
4) Pyridine-d5	3.817	84	349589	20.735	ng/ul	0.00
7) Phenol-d5	7.228	99	481537	23.388	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	310149	24.348	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	354777	22.827	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	374698	23.037	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	179753	21.336	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	203148	20.660	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	365698	20.870	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	504206	22.400	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	1048957	20.171	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1217875	20.833	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	71212	10.377	ng/ul	0.03
60) Fluorene-d10	15.686	176	882980	20.621	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	100010	11.796	ng/ul	0.00
73) Anthracene-d10	17.557	188	1343212	21.330	ng/ul	0.00
81) Pyrene-d10	19.786	212	1332542	20.682	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1077371	19.991	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	57582	8.000	ng/uL	96
5) Pyridine	3.834	79	376736	21.360	ng/ul	99
6) Benzaldehyde	7.193	77	97874	11.758	ng/ul	97
8) Phenol	7.252	94	500466	23.423	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.457	93	409988	24.118	ng/ul	97
12) 2-Chlorophenol	7.605	128	379733	22.997	ng/ul	98
13) 2-Methylphenol	8.510	108	385395	23.891	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	610665	26.301	ng/ul	97
16) Acetophenone	8.881	105	624850	23.370	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.857	70	339840	22.885	ng/ul	99
18) 4-Methylphenol	8.852	108	408851	23.589	ng/ul	97
19) Hexachloroethane	9.110	117	158249	20.751	ng/ul	93
22) Nitrobenzene	9.269	77	495236	20.932	ng/ul	98
23) Isophorone	9.793	82	955477	21.104	ng/ul	99
25) 2-Nitrophenol	9.987	139	220861	21.164	ng/ul	93
26) 2,4-Dimethylphenol	10.051	107	467874	20.395	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.269	93	574260	22.468	ng/ul	98
29) 2,4-Dichlorophenol	10.546	162	371336	21.316	ng/ul	98
30) Naphthalene	10.916	128	1274867	21.273	ng/ul	99
32) 4-Chloroaniline	11.057	127	525937	22.489	ng/ul	99
33) Hexachlorobutadiene	11.175	225	236938	18.010	ng/ul	99
34) Caprolactam	11.857	113	120881	22.685	ng/ul	92
35) 4-Chloro-3-methylphenol	12.193	107	423887	20.788	ng/ul	98
36) 2-Methylnaphthalene	12.522	142	837583	21.231	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.740	142	842117	20.924	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.892	216	445522	20.095	ng/ul	99
40)	Hexachlorocyclopentadiene	12.845	237	23811	3.590	ng/ul	94
41)	2,4,6-Trichlorophenol	13.145	196	286208	20.427	ng/ul	98
42)	2,4,5-Trichlorophenol	13.245	196	309653	20.835	ng/ul	95
43)	1,1'-Biphenyl	13.522	154	1120059	21.018	ng/ul#	98
44)	2-Chloronaphthalene	13.575	162	881888	21.007	ng/ul	98
45)	2-Nitroaniline	13.804	65	293436	22.214	ng/ul	97
47)	Dimethylphthalate	14.145	163	1092012	20.291	ng/ul	99
48)	2,6-Dinitrotoluene	14.292	165	225940	20.697	ng/ul	99
50)	Acenaphthylene	14.416	152	1368601	21.248	ng/ul	99
51)	3-Nitroaniline	14.645	138	184069	21.502	ng/ul	95
52)	Acenaphthene	14.751	153	940912	21.066	ng/ul	97
53)	2,4-Dinitrophenol	14.892	184	45364	7.833	ng/ul	95
55)	4-Nitrophenol	15.004	109	124428	17.497	ng/ul	82
56)	Dibenzofuran	15.092	168	1299382	20.956	ng/ul	98
57)	2,4-Dinitrotoluene	15.104	165	306175	20.581	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.339	232	250221	19.601	ng/ul	99
59)	Diethylphthalate	15.498	149	1112192	20.422	ng/ul	99
61)	Fluorene	15.745	166	1047781	20.834	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.728	204	515639	20.037	ng/ul	97
63)	4-Nitroaniline	15.822	138	76966	13.136	ng/ul#	83
66)	4,6-Dinitro-2-methylph...	15.881	198	104280	12.156	ng/ul	97
67)	N-Nitrosodiphenylamine	15.951	169	881978	21.370	ng/ul	98
68)	4-Bromophenyl-phenylether	16.628	248	311343	19.777	ng/ul	90
69)	Hexachlorobenzene	16.757	284	362056	19.491	ng/ul	98
70)	Atrazine	16.910	200	313241	19.827	ng/ul	96
71)	Pentachlorophenol	17.128	266	156316	17.533	ng/ul	96
72)	Phenanthrene	17.498	178	1584797	21.160	ng/ul	99
74)	Anthracene	17.592	178	1611842	21.418	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.492	216	453305	20.207	ng/uL	99
76)	Pentachlorobenzene	15.010	250	442784	19.557	ng/uL	99
77)	Carbazole	17.875	167	1401878	22.101	ng/ul	99
78)	Di-n-butylphthalate	18.380	149	1945929	23.141	ng/ul	99
80)	Fluoranthene	19.457	202	1699679	21.226	ng/ul#	93
82)	Pyrene	19.816	202	1707323	20.902	ng/ul#	92
83)	Butylbenzylphthalate	20.657	149	829618	24.895	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.457	252	390025	17.485	ng/ul	97
85)	Benzo(a)anthracene	21.527	228	1425202	20.533	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.398	149	1216803	26.569	ng/ul#	99
87)	Chrysene	21.586	228	1375373	20.885	ng/ul	99
89)	Di-n-octyl phthalate	22.357	149	1949395	24.968	ng/ul	100
90)	Benzo(b)fluoranthene	23.304	252	1368471	19.935	ng/ul#	98
91)	Benzo(k)fluoranthene	23.351	252	1378493	19.875	ng/ul#	97
93)	Benzo(a)pyrene	23.974	252	1210119	20.174	ng/ul#	98
94)	Indeno(1,2,3-cd)pyrene	26.792	276	1593254	19.566	ng/ul#	92
95)	Dibenzo(a,h)anthracene	26.792	278	1314780	19.658	ng/ul#	94
96)	Benzo(g,h,i)perylene	27.627	276	1308247	19.529	ng/ul#	94

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

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