Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081722\
Data File : BG054642.D
Acq On : 17 Aug 2022 16:09
Operator : CG/JU
Sample : SSTD01036
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010436

Quant Time: Aug 18 02:22:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 02:20:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.166	152	36110	20.000	ng/ul	0.00
20) Naphthalene-d8	10.992	136	152818	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.800	164	99163	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.543	188	218606	20.000	ng/ul	0.00
79) Chrysene-d12	21.844	240	213207	20.000	ng/ul	0.00
88) Perylene-d12	25.228	264	216697	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.513	96	3803	5.011	ng/uL	0.00
4) Pyridine-d5	3.942	84	26659	12.915	ng/ul	0.00
7) Phenol-d5	7.297	99	30505	11.792	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.479	67	20571	13.182	ng/ul	0.00
11) 2-Chlorophenol-d4	7.690	132	21893	10.613	ng/ul	0.00
15) 4-Methylphenol-d8	8.859	113	22917	10.390	ng/ul	0.00
21) Nitrobenzene-d5	9.335	128	9034	7.964	ng/ul	0.00
24) 2-Nitrophenol-d4	10.064	143	7603	6.308	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.599	165	22628	8.486	ng/ul	0.00
31) 4-Chloroaniline-d4	11.121	131	33055	9.813	ng/ul	0.00
46) Dimethylphthalate-d6	14.194	166	69395	8.896	ng/ul	0.00
49) Acenaphthylene-d8	14.494	160	84474	9.958	ng/ul	0.00
54) 4-Nitrophenol-d4	14.964	143	8562	8.016	ng/ul	0.00
60) Fluorene-d10	15.787	176	63366	9.043	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	5480	4.595	ng/ul	0.00
73) Anthracene-d10	17.643	188	98951	10.023	ng/ul	0.00
81) Pyrene-d10	19.923	212	111872	10.064	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.993	264	105484	9.644	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.554	88	4508	5.443	ng/uL	89
5) Pyridine	3.959	79	27406	12.802	ng/ul	94
6) Benzaldehyde	7.297	77	16141	12.253	ng/ul	100
8) Phenol	7.326	94	31218	11.565	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.579	93	26150	12.789	ng/ul	94
12) 2-Chlorophenol	7.720	128	23879	11.337	ng/ul	98
13) 2-Methylphenol	8.595	108	23347	11.142	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.695	45	43306	14.259	ng/ul	97
16) Acetophenone	8.989	105	38983	11.428	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.971	70	20823	11.974	ng/ul	99
18) 4-Methylphenol	8.924	108	24687	11.013	ng/ul	98
19) Hexachloroethane	9.265	117	9888	11.079	ng/ul	92
22) Nitrobenzene	9.376	77	24848	9.197	ng/ul	97
23) Isophorone	9.899	82	54325	10.371	ng/ul	99
25) 2-Nitrophenol	10.093	139	9023	7.140	ng/ul	94
26) 2,4-Dimethylphenol	10.140	107	27613	10.006	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.387	93	34578	11.725	ng/ul	96
29) 2,4-Dichlorophenol	10.628	162	22358	8.385	ng/ul	98
30) Naphthalene	11.045	128	82316	10.859	ng/ul	99
32) 4-Chloroaniline	11.145	127	34619	10.364	ng/ul	93
33) Hexachlorobutadiene	11.321	225	16441	6.312	ng/ul	99
34) Caprolactam	11.897	113	6392	8.033	ng/ul	89
35) 4-Chloro-3-methylphenol	12.244	107	23285	9.080	ng/ul	97
36) 2-Methylnaphthalene	12.637	142	55617	9.918	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.855	142	55200	9.870	ng/ul	95
39)	1,2,4,5-Tetrachloroben...	12.996	216	30942	7.677	ng/ul	99
40)	Hexachlorocyclopentadiene	12.978	237	17837	7.891	ng/ul	98
41)	2,4,6-Trichlorophenol	13.231	196	16952	8.103	ng/ul	96
42)	2,4,5-Trichlorophenol	13.301	196	18957	8.016	ng/ul	99
43)	1,1'-Biphenyl	13.636	154	74906	10.899	ng/ul	98
44)	2-Chloronaphthalene	13.683	162	56508	9.901	ng/ul	98
45)	2-Nitroaniline	13.877	65	10907	7.596	ng/ul	95
47)	Dimethylphthalate	14.241	163	70876	9.453	ng/ul	99
48)	2,6-Dinitrotoluene	14.365	165	9241	6.128	ng/ul	98
50)	Acenaphthylene	14.523	152	94425	10.841	ng/ul	98
51)	3-Nitroaniline	14.694	138	9100	7.434	ng/ul	94
52)	Acenaphthene	14.864	153	61865	10.636	ng/ul	98
53)	2,4-Dinitrophenol	14.894	184	3973	5.687	ng/ul	94
55)	4-Nitrophenol	14.976	109	7580	7.239	ng/ul	97
56)	Dibenzofuran	15.193	168	86685	9.740	ng/ul	98
57)	2,4-Dinitrotoluene	15.146	165	12783	5.844	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.411	232	14360	6.988	ng/ul	99
59)	Diethylphthalate	15.604	149	69053	9.393	ng/ul	99
61)	Fluorene	15.845	166	70773	9.764	ng/ul	95
62)	4-Chlorophenyl-phenyle...	15.834	204	35792	7.766	ng/ul	99
63)	4-Nitroaniline	15.845	138	8547	7.261	ng/ul	90
66)	4,6-Dinitro-2-methylph...	15.904	198	5537	4.837	ng/ul	95
67)	N-Nitrosodiphenylamine	16.045	169	61120	11.436	ng/ul	96
68)	4-Bromophenyl-phenylether	16.727	248	22983	8.464	ng/ul	98
69)	Hexachlorobenzene	16.838	284	26441	8.308	ng/ul	98
70)	Atrazine	16.985	200	22395	8.531	ng/ul	96
71)	Pentachlorophenol	17.185	266	11774	8.728	ng/ul	97
72)	Phenanthrene	17.584	178	113472	10.477	ng/ul	99
74)	Anthracene	17.679	178	115164	10.551	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.601	216	32454	8.716	ng/uL	97
76)	Pentachlorobenzene	15.111	250	31367	9.160	ng/uL	98
77)	Carbazole	17.943	167	101201	11.246	ng/ul	99
78)	Di-n-butylphthalate	18.501	149	114609	11.186	ng/ul	99
80)	Fluoranthene	19.588	202	138193	11.136	ng/ul	100
82)	Pyrene	19.952	202	142371	11.539	ng/ul	98
83)	Butylbenzylphthalate	20.840	149	43355	11.660	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.733	252	46059	10.439	ng/ul	96
85)	Benzo(a)anthracene	21.821	228	136560	10.391	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.727	149	67758	12.471	ng/ul	100
87)	Chrysene	21.891	228	131311	10.415	ng/ul	99
89)	Di-n-octyl phthalate	23.008	149	109808	11.799	ng/ul	100
90)	Benzo(b)fluoranthene	24.142	252	137519	10.277	ng/ul	98
91)	Benzo(k)fluoranthene	24.218	252	129287	10.091	ng/ul	97
93)	Benzo(a)pyrene	25.070	252	134724	10.452	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.118	276	158329	10.210	ng/ul	99
95)	Dibenzo(a,h)anthracene	29.194	278	133471	10.227	ng/ul	98
96)	Benzo(g,h,i)perylene	30.323	276	130353	9.956	ng/ul	97

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

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