Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
Data File : BP019128.D
Acq On : 28 Dec 2023 17:06
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020728

Quant Time: Dec 28 17:46:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 28 03:15:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	159516	20.000	ng/ul	0.00
20) Naphthalene-d8	10.605	136	605989	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	383266	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	881746	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	968351	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1156387	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	36096	7.728	ng/uL	0.00
4) Pyridine-d5	3.652	84	242138	20.655	ng/ul	0.00
7) Phenol-d5	6.975	99	276358	19.319	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.140	67	168332	20.341	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	220828	19.149	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	215199	19.323	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	101939	19.460	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	109654	19.369	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	224925	19.675	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	276999	19.699	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	654539	19.335	ng/ul	0.00
49) Acenaphthylene-d8	14.146	160	721803	19.650	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	111285	19.467	ng/ul	0.00
60) Fluorene-d10	15.451	176	568134	19.426	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	105985	18.335	ng/ul	0.00
73) Anthracene-d10	17.310	188	892481	19.382	ng/ul	0.00
81) Pyrene-d10	19.557	212	1131219	19.168	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	1261492	18.979	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	39054	7.605	ng/uL	96
5) Pyridine	3.670	79	248607	20.892	ng/ul	99
6) Benzaldehyde	6.946	77	135139	20.346	ng/ul	98
8) Phenol	7.005	94	279359	19.772	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.234	93	230612	20.172	ng/ul	99
12) 2-Chlorophenol	7.364	128	223042	18.896	ng/ul	97
13) 2-Methylphenol	8.252	108	204983	19.611	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.328	45	276191	20.480	ng/ul	99
16) Acetophenone	8.634	105	331558	19.878	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.616	70	158463	19.052	ng/ul	99
18) 4-Methylphenol	8.587	108	220626	19.610	ng/ul	99
19) Hexachloroethane	8.875	117	94287	19.044	ng/ul	100
22) Nitrobenzene	9.011	77	250628	19.583	ng/ul	99
23) Isophorone	9.534	82	445512	19.305	ng/ul	98
25) 2-Nitrophenol	9.722	139	120512	19.937	ng/ul	98
26) 2,4-Dimethylphenol	9.787	107	214576	20.164	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.022	93	296444	19.435	ng/ul	98
29) 2,4-Dichlorophenol	10.252	162	216399	19.370	ng/ul	98
30) Naphthalene	10.652	128	702558	19.229	ng/ul	100
32) 4-Chloroaniline	10.769	127	267945	19.858	ng/ul	98
33) Hexachlorobutadiene	10.934	225	167389	19.469	ng/ul	99
34) Caprolactam	11.563	113	53159	18.015	ng/ul	98
35) 4-Chloro-3-methylphenol	11.905	107	214194	19.532	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	476555	19.346	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	479747	19.313	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.634	216	302899	19.189	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	167607	19.130	ng/ul	96
41) 2,4,6-Trichlorophenol	12.887	196	179787	19.085	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	193775	19.378	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	638132	19.087	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	514918	19.194	ng/ul	99
45) 2-Nitroaniline	13.540	65	123420	19.164	ng/ul	99
47) Dimethylphthalate	13.916	163	645546	19.318	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	119032	19.385	ng/ul	98
50) Acenaphthylene	14.175	152	805920	19.500	ng/ul	100
51) 3-Nitroaniline	14.369	138	118486	19.737	ng/ul	97
52) Acenaphthene	14.516	153	538697	19.232	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	63931	16.160	ng/ul	97
55) 4-Nitrophenol	14.681	109	88800	19.437	ng/ul	95
56) Dibenzofuran	14.851	168	770200	19.255	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	177696	19.677	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	169255	19.373	ng/ul	98
59) Diethylphthalate	15.287	149	624732	19.282	ng/ul	99
61) Fluorene	15.504	166	620240	19.373	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	340794	19.492	ng/ul	98
63) 4-Nitroaniline	15.534	138	120722	19.988	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.593	198	116271	18.998	ng/ul	100
67) N-Nitrosodiphenylamine	15.722	169	527456	19.600	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	216531	19.758	ng/ul	99
69) Hexachlorobenzene	16.510	284	258732	19.318	ng/ul	100
70) Atrazine	16.681	200	122149	16.084	ng/ul	98
71) Pentachlorophenol	16.863	266	147717	18.785	ng/ul	99
72) Phenanthrene	17.257	178	1020900	19.105	ng/ul	99
74) Anthracene	17.345	178	1026024	19.287	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.246	216	299267	19.520	ng/uL	99
76) Pentachlorobenzene	14.769	250	301935	19.819	ng/uL	98
77) Carbazole	17.622	167	911974	20.610	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1066406	19.432	ng/ul	100
80) Fluoranthene	19.234	202	1284258	18.964	ng/ul	99
82) Pyrene	19.586	202	1356668	19.121	ng/ul	100
83) Butylbenzylphthalate	20.469	149	502152	19.813	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	482332	19.911	ng/ul	100
85) Benzo(a)anthracene	21.304	228	1468503	19.194	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	758984	20.337	ng/ul	100
87) Chrysene	21.357	228	1371444	19.223	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	1340361	20.269	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	1534566	18.893	ng/ul	100
91) Benzo(k)fluoranthene	23.010	252	1519886	19.043	ng/ul	100
93) Benzo(a)pyrene	23.580	252	1452496	18.999	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.145	276	1831902	18.692	ng/ul	98
95) Dibenzo(a,h)anthracene	26.163	278	1528847	18.752	ng/ul	99
96) Benzo(g,h,i)perylene	26.898	276	1481140	18.859	ng/ul	99

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

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