Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013156.D
Acq On : 20 Dec 2022 09:06
Operator : CG/JU
Sample : N6003-05MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXX2MSD

Quant Time: Dec 20 21:44:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	414624	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1588658	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	923279	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1939327	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2016894	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	2427434	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	53108	5.477	ng/uL	0.00
4) Pyridine-d5	3.763	84	466512	16.935	ng/ul	0.00
7) Phenol-d5	7.110	99	1000338	29.620	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	629207	30.885	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	825780	31.061	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	711947	25.728	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	398053	34.102	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	445433	33.897	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	831760	32.587	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	913571	25.354	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	2299683	32.409	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	2612063	33.500	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	421187	32.998	ng/ul	0.00
60) Fluorene-d10	15.592	176	1977701	32.945	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	410710	32.909	ng/ul	0.00
73) Anthracene-d10	17.451	188	2980324	34.064	ng/ul	0.00
81) Pyrene-d10	19.680	212	3878940	33.506	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	4370205	36.119	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	127738	12.618	ng/uL	95
5) Pyridine	3.787	79	549207	20.060	ng/ul	99
6) Benzaldehyde	7.093	77	565569	42.768	ng/ul	99
8) Phenol	7.140	94	1179378	34.539	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	934204	33.333	ng/ul	97
12) 2-Chlorophenol	7.516	128	931257	34.158	ng/ul	97
13) 2-Methylphenol	8.398	108	820963	30.839	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1362415	35.426	ng/ul	98
16) Acetophenone	8.787	105	1425821	33.604	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.769	70	681167	31.925	ng/ul	95
18) 4-Methylphenol	8.728	108	896386	30.400	ng/ul	99
19) Hexachloroethane	9.040	117	376173	34.528	ng/ul	97
22) Nitrobenzene	9.169	77	1033022	37.715	ng/ul	98
23) Isophorone	9.692	82	1899523	34.298	ng/ul	98
25) 2-Nitrophenol	9.881	139	525017	36.874	ng/ul	95
26) 2,4-Dimethylphenol	9.934	107	486010	17.494	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.175	93	1183684	33.425	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	891439	35.654	ng/ul	100
30) Naphthalene	10.822	128	2929418	35.258	ng/ul	100
32) 4-Chloroaniline	10.928	127	810475	22.729	ng/ul	100
33) Hexachlorobutadiene	11.104	225	640340	37.301	ng/ul	99
34) Caprolactam	11.716	113	264167	30.987	ng/ul	97
35) 4-Chloro-3-methylphenol	12.051	107	873424	34.231	ng/ul	98
36) 2-Methylnaphthalene	12.422	142	1952992	34.264	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	1951665	33.295	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	1157322	38.928	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	451900	23.358	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	715154	37.430	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	784506	38.226	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	2512770	36.238	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	2018816	36.992	ng/ul	99
45) 2-Nitroaniline	13.680	65	560955	42.394	ng/ul	97
47) Dimethylphthalate	14.051	163	2489560	35.399	ng/ul	100
48) 2,6-Dinitrotoluene	14.175	165	495680	37.925	ng/ul	97
50) Acenaphthylene	14.316	152	3019241	36.018	ng/ul	100
51) 3-Nitroaniline	14.504	138	493263	39.968	ng/ul	99
52) Acenaphthene	14.663	153	2101334	36.174	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	304770	34.113	ng/ul	97
55) 4-Nitrophenol	14.810	109	347648	39.917	ng/ul	95
56) Dibenzofuran	14.992	168	2927043	35.441	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	734013	38.662	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.222	232	665938	35.556	ng/ul	98
59) Diethylphthalate	15.416	149	2400606	35.113	ng/ul	99
61) Fluorene	15.645	166	2411769	36.412	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	1250356	35.696	ng/ul	99
63) 4-Nitroaniline	15.669	138	529284	48.737	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.722	198	463156	37.977	ng/ul	96
67) N-Nitrosodiphenylamine	15.851	169	2058943	38.294	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	779859	37.029	ng/ul	96
69) Hexachlorobenzene	16.651	284	949507	37.969	ng/ul	97
70) Atrazine	16.804	200	402067	19.190	ng/ul	99
71) Pentachlorophenol	16.998	266	450655	29.757	ng/ul	100
72) Phenanthrene	17.398	178	3978616	39.387	ng/ul	99
74) Anthracene	17.486	178	3810740	37.783	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	1138575	41.150	ng/uL	100
76) Pentachlorobenzene	14.916	250	1065796	37.781	ng/uL	100
77) Carbazole	17.757	167	3629121	42.725	ng/ul	100
78) Di-n-butylphthalate	18.298	149	4159824	40.222	ng/ul	100
80) Fluoranthene	19.357	202	4934412	37.553	ng/ul	100
82) Pyrene	19.710	202	5170849	38.150	ng/ul	100
83) Butylbenzylphthalate	20.574	149	1979065	37.795	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.351	252	1358273	29.811	ng/ul	99
85) Benzo(a)anthracene	21.421	228	5437217	40.609	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	2916238	39.481	ng/ul	99
87) Chrysene	21.480	228	5156041	40.721	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	5172736	38.037	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	6073536	39.237	ng/ul	99
91) Benzo(k)fluoranthene	23.209	252	5845654	38.084	ng/ul	99
93) Benzo(a)pyrene	23.815	252	5285589	39.216	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	6930294	41.280	ng/ul	99
95) Dibenzo(a,h)anthracene	26.533	278	6082271	43.757	ng/ul	100
96) Benzo(g,h,i)perylene	27.315	276	5559665	41.250	ng/ul	99

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

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