Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013155.D
Acq On : 20 Dec 2022 08:32
Operator : CG/JU
Sample : N6003-04MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXX2MS

Quant Time: Dec 20 21:43:36 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	7.958	152	412676	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1603506	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	939235	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1945487	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1970019	20.000	ng/ul	0.00
88) Perylene-d12	23.922	264	2366710	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	53218	5.514	ng/uL	0.00
4) Pyridine-d5	3.764	84	464353	16.936	ng/ul	0.00
7) Phenol-d5	7.111	99	1002634	29.828	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	633239	31.230	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	821434	31.043	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	720520	26.161	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	401142	34.049	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	453972	34.227	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	838301	32.539	ng/ul	0.00
31) 4-Chloroaniline-d4	10.905	131	933016	25.653	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	2377336	32.934	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	2706494	34.122	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	435022	33.503	ng/ul	0.00
60) Fluorene-d10	15.593	176	2018090	33.046	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	421079	33.633	ng/ul	0.00
73) Anthracene-d10	17.451	188	3008754	34.280	ng/ul	0.00
81) Pyrene-d10	19.686	212	3891554	34.415	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.763	264	4316021	36.587	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	127018	12.606	ng/uL	92
5) Pyridine	3.787	79	541894	19.887	ng/ul	98
6) Benzaldehyde	7.093	77	566920	43.073	ng/ul	100
8) Phenol	7.140	94	1184580	34.855	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	941088	33.737	ng/ul	98
12) 2-Chlorophenol	7.516	128	934618	34.443	ng/ul	97
13) 2-Methylphenol	8.399	108	826902	31.208	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1379138	36.030	ng/ul	98
16) Acetophenone	8.787	105	1444039	34.194	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.769	70	697614	32.850	ng/ul	97
18) 4-Methylphenol	8.728	108	912801	31.103	ng/ul	99
19) Hexachloroethane	9.040	117	379399	34.989	ng/ul	96
22) Nitrobenzene	9.163	77	1041051	37.657	ng/ul	98
23) Isophorone	9.693	82	1951122	34.903	ng/ul	98
25) 2-Nitrophenol	9.881	139	532381	37.045	ng/ul	96
26) 2,4-Dimethylphenol	9.934	107	493279	17.592	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.175	93	1200995	33.600	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	906262	35.911	ng/ul	100
30) Naphthalene	10.822	128	2963485	35.338	ng/ul	100
32) 4-Chloroaniline	10.928	127	824395	22.906	ng/ul	99
33) Hexachlorobutadiene	11.105	225	644235	37.180	ng/ul	99
34) Caprolactam	11.716	113	269638	31.335	ng/ul	99
35) 4-Chloro-3-methylphenol	12.052	107	903395	35.077	ng/ul	98
36) 2-Methylnaphthalene	12.422	142	1975888	34.344	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	1979248	33.453	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	1182761	39.108	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	464845	23.619	ng/ul	100
41) 2,4,6-Trichlorophenol	13.028	196	733300	37.728	ng/ul	99
42) 2,4,5-Trichlorophenol	13.099	196	805875	38.600	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	2591360	36.736	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	2075174	37.378	ng/ul	100
45) 2-Nitroaniline	13.681	65	571627	42.467	ng/ul	98
47) Dimethylphthalate	14.051	163	2565348	35.857	ng/ul	99
48) 2,6-Dinitrotoluene	14.175	165	510233	38.375	ng/ul	99
50) Acenaphthylene	14.322	152	3100737	36.362	ng/ul	100
51) 3-Nitroaniline	14.504	138	496214	39.524	ng/ul	98
52) Acenaphthene	14.663	153	2154211	36.455	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	309785	34.085	ng/ul	99
55) 4-Nitrophenol	14.810	109	351709	39.697	ng/ul	97
56) Dibenzofuran	14.993	168	3009840	35.824	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	746124	38.632	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.222	232	682494	35.821	ng/ul	99
59) Diethylphthalate	15.416	149	2482308	35.691	ng/ul	99
61) Fluorene	15.645	166	2463698	36.564	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.640	204	1280998	35.950	ng/ul	100
63) 4-Nitroaniline	15.669	138	535865	48.505	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.722	198	468388	38.284	ng/ul	96
67) N-Nitrosodiphenylamine	15.851	169	2123238	39.365	ng/ul	100
68) 4-Bromophenyl-phenylether	16.534	248	806907	38.192	ng/ul	98
69) Hexachlorobenzene	16.651	284	966831	38.540	ng/ul	98
70) Atrazine	16.804	200	409617	19.488	ng/ul	100
71) Pentachlorophenol	16.998	266	464575	30.579	ng/ul	98
72) Phenanthrene	17.398	178	4043803	39.906	ng/ul	100
74) Anthracene	17.487	178	3874685	38.295	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.399	216	1166820	42.037	ng/uL	99
76) Pentachlorobenzene	14.916	250	1096879	38.760	ng/uL	99
77) Carbazole	17.757	167	3671529	43.088	ng/ul	100
78) Di-n-butylphthalate	18.298	149	4214318	40.620	ng/ul	100
80) Fluoranthene	19.357	202	4948648	38.558	ng/ul	100
82) Pyrene	19.710	202	5113829	38.627	ng/ul	100
83) Butylbenzylphthalate	20.575	149	1939572	37.922	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.351	252	1296998	29.143	ng/ul	99
85) Benzo(a)anthracene	21.422	228	5348563	40.897	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	2891756	40.081	ng/ul	100
87) Chrysene	21.480	228	5068307	40.981	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	5116153	38.586	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	5986079	39.664	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	5831025	38.964	ng/ul	100
93) Benzo(a)pyrene	23.810	252	5254432	39.985	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	6917416	42.260	ng/ul	100
95) Dibenzo(a,h)anthracene	26.539	278	6028036	44.479	ng/ul	99
96) Benzo(g,h,i)perylene	27.315	276	5525742	42.050	ng/ul	99

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

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