Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013263.D
Acq On : 23 Dec 2022 01:52
Operator : CG/JU
Sample : N6015-12MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXU7MSD

Quant Time: Dec 23 04:10:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 22 22:43:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	476590	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	1856621	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.586	164	1098790	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.345	188	2495452	20.000	ng/ul	-0.01
79) Chrysene-d12	21.439	240	2803701	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	3294490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	57264	5.137	ng/uL	0.00
4) Pyridine-d5	3.764	84	582346	18.392	ng/ul	0.00
7) Phenol-d5	7.110	99	1090168	28.083	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	683503	29.188	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	908011	29.713	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	796494	25.041	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	440876	32.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	510737	33.257	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	954725	32.006	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	1031002	24.483	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	2487419	29.455	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	2989569	32.218	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.792	143	437464	28.799	ng/ul	0.00
60) Fluorene-d10	15.581	176	2242537	31.389	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	413866	25.772	ng/ul	0.00
73) Anthracene-d10	17.445	188	3508881	31.168	ng/ul	-0.01
81) Pyrene-d10	19.680	212	4752366	29.530	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	5210759	31.732	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	146183	12.563	ng/uL	96
5) Pyridine	3.781	79	1052554	33.447	ng/ul	99
6) Benzaldehyde	7.081	77	829119	54.546	ng/ul	97
8) Phenol	7.134	94	1423367	36.264	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.369	93	1076884	33.428	ng/ul	97
12) 2-Chlorophenol	7.510	128	1102409	35.178	ng/ul	97
13) 2-Methylphenol	8.393	108	1037228	33.897	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1573886	35.604	ng/ul	98
16) Acetophenone	8.775	105	1628736	33.396	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.763	70	815753	33.262	ng/ul	96
18) 4-Methylphenol	8.722	108	1133597	33.446	ng/ul	97
19) Hexachloroethane	9.028	117	422820	33.764	ng/ul	94
22) Nitrobenzene	9.157	77	1243286	38.841	ng/ul	97
23) Isophorone	9.687	82	2259082	34.903	ng/ul	98
25) 2-Nitrophenol	9.869	139	631389	37.944	ng/ul	93
26) 2,4-Dimethylphenol	9.928	107	1068588	32.913	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.169	93	1400172	33.832	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	1082417	37.044	ng/ul	99
30) Naphthalene	10.810	128	3502152	36.068	ng/ul	99
32) 4-Chloroaniline	10.922	127	1317273	31.610	ng/ul	99
33) Hexachlorobutadiene	11.093	225	745026	37.135	ng/ul	97
34) Caprolactam	11.716	113	318506	31.968	ng/ul	97
35) 4-Chloro-3-methylphenol	12.045	107	1086330	36.430	ng/ul	100
36) 2-Methylnaphthalene	12.416	142	2309487	34.670	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	2297619	33.540	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	1389182	39.263	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	390102	16.943	ng/ul	100
41) 2,4,6-Trichlorophenol	13.022	196	899045	39.539	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	966046	39.552	ng/ul	100
43) 1,1'-Biphenyl	13.422	154	3058652	37.064	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	2436527	37.514	ng/ul	99
45) 2-Nitroaniline	13.675	65	695787	44.185	ng/ul	98
47) Dimethylphthalate	14.045	163	2882369	34.437	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	598847	38.499	ng/ul	99
50) Acenaphthylene	14.310	152	3743512	37.525	ng/ul	100
51) 3-Nitroaniline	14.498	138	630040	42.896	ng/ul	99
52) Acenaphthene	14.651	153	2547500	36.850	ng/ul	100
53) 2,4-Dinitrophenol	14.704	184	330034	31.040	ng/ul	99
55) 4-Nitrophenol	14.810	109	426472	41.146	ng/ul	96
56) Dibenzofuran	14.986	168	3573390	36.356	ng/ul	100
57) 2,4-Dinitrotoluene	14.957	165	855672	37.871	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.216	232	855316	38.373	ng/ul#	97
59) Diethylphthalate	15.404	149	2751038	33.811	ng/ul	99
61) Fluorene	15.639	166	2927242	37.135	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	1507823	36.171	ng/ul	99
63) 4-Nitroaniline	15.663	138	676655	52.355	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.722	198	491650	31.329	ng/ul	100
67) N-Nitrosodiphenylamine	15.845	169	2446676	35.365	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	960083	35.427	ng/ul	98
69) Hexachlorobenzene	16.645	284	1141327	35.469	ng/ul	99
70) Atrazine	16.804	200	938398	34.807	ng/ul	98
71) Pentachlorophenol	16.992	266	741725	38.062	ng/ul	98
72) Phenanthrene	17.392	178	4903168	37.723	ng/ul	100
74) Anthracene	17.480	178	4724199	36.401	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	1395964	39.209	ng/uL	99
76) Pentachlorobenzene	14.904	250	1290801	35.560	ng/uL	99
77) Carbazole	17.751	167	4478094	40.971	ng/ul	99
78) Di-n-butylphthalate	18.292	149	4936882	37.097	ng/ul	100
80) Fluoranthene	19.357	202	6627524	36.284	ng/ul	98
82) Pyrene	19.710	202	6841031	36.308	ng/ul	98
83) Butylbenzylphthalate	20.569	149	2611312	35.875	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	1855204	29.291	ng/ul	99
85) Benzo(a)anthracene	21.421	228	7194985	38.657	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	3847335	37.470	ng/ul	99
87) Chrysene	21.474	228	6794911	38.605	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	6859189	37.164	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	7860262	37.415	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	7662867	36.784	ng/ul	99
93) Benzo(a)pyrene	23.810	252	6956890	38.032	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	9234606	40.529	ng/ul	99
95) Dibenzo(a,h)anthracene	26.533	278	7649707	40.549	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	7703795	42.115	ng/ul	99

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

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