Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
Data File : BP013298.D
Acq On : 24 Dec 2022 14:07
Operator : CG/JU
Sample : PB149784BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS784

Quant Time: Dec 25 00:21:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 00:19:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	637380	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	2646129	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	1535266	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2722375	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2703289	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	3145733	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	75531	5.067	ng/uL	0.00
4) Pyridine-d5	3.757	84	1162327	27.448	ng/ul	0.00
7) Phenol-d5	7.104	99	1555767	29.967	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	919710	29.367	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	1237822	30.288	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	1190130	27.978	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	604517	31.094	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	690804	31.561	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	1264332	29.739	ng/ul	0.00
31) 4-Chloroaniline-d4	10.892	131	1451605	24.186	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	3167731	26.847	ng/ul	0.00
49) Acenaphthylene-d8	14.280	160	3617406	27.901	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	474280	22.346	ng/ul	0.00
60) Fluorene-d10	15.580	176	2515904	25.204	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	420626	24.010	ng/ul	0.00
73) Anthracene-d10	17.445	188	3378797	27.510	ng/ul	0.00
81) Pyrene-d10	19.680	212	3993833	25.739	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	4468644	28.500	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	158597	10.191	ng/uL#	91
5) Pyridine	3.775	79	1198126	28.468	ng/ul	96
6) Benzaldehyde	7.081	77	956615	47.058	ng/ul	99
8) Phenol	7.134	94	1612050	30.711	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.363	93	1251676	29.052	ng/ul	98
12) 2-Chlorophenol	7.504	128	1273284	30.381	ng/ul	95
13) 2-Methylphenol	8.387	108	1208656	29.535	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1872116	31.667	ng/ul	96
16) Acetophenone	8.769	105	1890887	28.990	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.757	70	954812	29.111	ng/ul	94
18) 4-Methylphenol	8.722	108	1308229	28.861	ng/ul	99
19) Hexachloroethane	9.028	117	497785	29.722	ng/ul	99
22) Nitrobenzene	9.151	77	1432109	31.391	ng/ul	97
23) Isophorone	9.681	82	2639638	28.614	ng/ul	98
25) 2-Nitrophenol	9.869	139	737579	31.101	ng/ul	96
26) 2,4-Dimethylphenol	9.928	107	1292472	27.931	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.163	93	1650443	27.981	ng/ul	100
29) 2,4-Dichlorophenol	10.404	162	1249806	30.011	ng/ul	99
30) Naphthalene	10.804	128	4008562	28.966	ng/ul	99
32) 4-Chloroaniline	10.916	127	1458640	24.559	ng/ul	99
33) Hexachlorobutadiene	11.086	225	882888	30.877	ng/ul	97
34) Caprolactam	11.710	113	332833	23.439	ng/ul	96
35) 4-Chloro-3-methylphenol	12.039	107	1174148	27.627	ng/ul	100
36) 2-Methylnaphthalene	12.410	142	2647869	27.890	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	2609340	26.725	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.780	216	1590354	32.170	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	413929	12.867	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	980111	30.849	ng/ul	99
42) 2,4,5-Trichlorophenol	13.092	196	1027998	30.123	ng/ul	100
43) 1,1'-Biphenyl	13.422	154	3429785	29.746	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	2710610	29.869	ng/ul	99
45) 2-Nitroaniline	13.669	65	713976	32.450	ng/ul	95
47) Dimethylphthalate	14.039	163	3187448	27.256	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	642506	29.563	ng/ul	98
50) Acenaphthylene	14.310	152	3921282	28.132	ng/ul	100
51) 3-Nitroaniline	14.498	138	599081	29.192	ng/ul	98
52) Acenaphthene	14.651	153	2679924	27.744	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	267930	18.035	ng/ul	98
55) 4-Nitrophenol	14.804	109	360341	24.882	ng/ul	95
56) Dibenzofuran	14.986	168	3688643	26.859	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	839746	26.600	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.216	232	803746	25.808	ng/ul	95
59) Diethylphthalate	15.404	149	2960314	26.040	ng/ul	99
61) Fluorene	15.639	166	2871015	26.067	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.627	204	1560980	26.800	ng/ul	98
63) 4-Nitroaniline	15.663	138	591488	32.754	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.716	198	418379	24.438	ng/ul	94
67) N-Nitrosodiphenylamine	15.845	169	2400865	31.810	ng/ul	99
68) 4-Bromophenyl-phenylether	16.527	248	929914	31.454	ng/ul	99
69) Hexachlorobenzene	16.645	284	1030164	29.346	ng/ul	99
70) Atrazine	16.798	200	814868	27.705	ng/ul	99
71) Pentachlorophenol	16.992	266	600282	28.236	ng/ul	100
72) Phenanthrene	17.386	178	3996430	28.184	ng/ul	99
74) Anthracene	17.480	178	4028308	28.452	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	1564248	40.273	ng/uL	100
76) Pentachlorobenzene	14.904	250	1339832	33.834	ng/uL	99
77) Carbazole	17.751	167	3532952	29.630	ng/ul	100
78) Di-n-butylphthalate	18.292	149	4050521	27.900	ng/ul	99
80) Fluoranthene	19.351	202	4707767	26.731	ng/ul	99
82) Pyrene	19.709	202	4943581	27.212	ng/ul	98
83) Butylbenzylphthalate	20.574	149	1808264	25.765	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.351	252	1729250	28.316	ng/ul	99
85) Benzo(a)anthracene	21.421	228	5319229	29.641	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	2579393	26.054	ng/ul	100
87) Chrysene	21.480	228	4959853	29.226	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	4837849	27.451	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	5776471	28.797	ng/ul	100
91) Benzo(k)fluoranthene	23.209	252	5436676	27.332	ng/ul	100
93) Benzo(a)pyrene	23.809	252	5056640	28.951	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	6640022	30.520	ng/ul	99
95) Dibenzo(a,h)anthracene	26.533	278	5635889	31.287	ng/ul	100
96) Benzo(g,h,i)perylene	27.321	276	5458647	31.252	ng/ul	99

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

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