Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023521.D
Acq On : 19 Dec 2024 07:09
Operator : RC/JU
Sample : PB165677BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS677

Quant Time: Dec 19 08:13:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	231074	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.263	136	957520	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.134	164	693199	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.939	188	1465229	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.374	240	1556254	20.000	ng/ul	#-0.01
88) Perylene-d12	24.551	264	1639969	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	31933	5.088	ng/uL	0.00
4) Pyridine-d5	3.511	84	500183	30.991	ng/ul	0.00
7) Phenol-d5	6.740	99	596040	32.875	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	352388	30.806	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.075	132	414531	30.978	ng/ul	-0.01
15) 4-Methylphenol-d8	8.240	113	462808	31.628	ng/ul	-0.02
21) Nitrobenzene-d5	8.669	128	189180	26.458	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.381	143	225192	27.327	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.916	165	515231	29.624	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.422	131	529616	27.182	ng/ul	-0.02
46) Dimethylphthalate-d6	13.540	166	1496790	27.814	ng/ul	-0.02
49) Acenaphthylene-d8	13.822	160	1592975	28.065	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.416	143	199862	30.308	ng/ul	0.00
60) Fluorene-d10	15.151	176	1163573	24.583	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	252227	28.483	ng/ul	0.00
73) Anthracene-d10	17.039	188	1942336	29.046	ng/ul	-0.01
81) Pyrene-d10	19.427	212	2321416	28.551	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.310	264	2357330	26.852	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	66119	9.521	ng/uL	95
5) Pyridine	3.528	79	501989	30.449	ng/ul	90
6) Benzaldehyde	6.710	77	48979	4.725	ng/ul	94
8) Phenol	6.763	94	623644	33.040	ng/ul#	86
10) Bis(2-Chloroethyl)ether	6.969	93	456766	30.657	ng/ul	99
12) 2-Chlorophenol	7.105	128	428547	30.549	ng/ul	99
13) 2-Methylphenol	7.981	108	436328	31.170	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.028	45	576213	31.802	ng/ul	98
16) Acetophenone	8.340	105	670875	27.239	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.316	70	373341	27.820	ng/ul	93
18) 4-Methylphenol	8.304	108	476133	31.513	ng/ul	98
19) Hexachloroethane	8.569	117	180942	26.491	ng/ul	92
22) Nitrobenzene	8.710	77	555756	25.544	ng/ul	98
23) Isophorone	9.222	82	1047226	27.176	ng/ul	98
25) 2-Nitrophenol	9.416	139	236253	26.839	ng/ul#	84
26) 2,4-Dimethylphenol	9.481	107	509062	26.117	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.699	93	612715	28.143	ng/ul	98
29) 2,4-Dichlorophenol	9.940	162	509533	29.560	ng/ul	99
30) Naphthalene	10.316	128	1361886	27.169	ng/ul	100
32) 4-Chloroaniline	10.451	127	335712	17.769	ng/ul	99
33) Hexachlorobutadiene	10.587	225	343812	22.486	ng/ul	97
34) Caprolactam	11.240	113	157485	31.312	ng/ul	95
35) 4-Chloro-3-methylphenol	11.593	107	552773	29.533	ng/ul	92
36) 2-Methylnaphthalene	11.928	142	975004	26.229	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.145	142	981878	25.921	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.304	216	644211	25.467	ng/ul	98
40) Hexachlorocyclopentadiene	12.269	237	227750	18.738	ng/ul	97
41) 2,4,6-Trichlorophenol	12.563	196	452437	30.223	ng/ul	98
42) 2,4,5-Trichlorophenol	12.657	196	493485	30.853	ng/ul	99
43) 1,1'-Biphenyl	12.951	154	1363351	27.758	ng/ul#	96
44) 2-Chloronaphthalene	12.998	162	1102012	27.739	ng/ul	96
45) 2-Nitroaniline	13.228	65	367164	31.898	ng/ul	92
47) Dimethylphthalate	13.592	163	1511789	28.519	ng/ul	99
48) 2,6-Dinitrotoluene	13.740	165	308067	30.330	ng/ul	86
50) Acenaphthylene	13.851	152	1635705	28.298	ng/ul	100
51) 3-Nitroaniline	14.081	138	272459	32.006	ng/ul	99
52) Acenaphthene	14.192	153	1155880	27.359	ng/ul	97
53) 2,4-Dinitrophenol	14.316	184	183293	27.984	ng/ul	88
55) 4-Nitrophenol	14.428	109	224004	25.214	ng/ul#	69
56) Dibenzofuran	14.545	168	1643235	25.610	ng/ul	95
57) 2,4-Dinitrotoluene	14.539	165	439304	26.840	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.792	232	385219	24.260	ng/ul	96
59) Diethylphthalate	14.981	149	1447046	27.371	ng/ul	100
61) Fluorene	15.204	166	1279222	24.485	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.192	204	691242	22.812	ng/ul	97
63) 4-Nitroaniline	15.263	138	260960	34.853	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.328	198	277450	29.535	ng/ul	99
67) N-Nitrosodiphenylamine	15.422	169	1143880	30.571	ng/ul	99
68) 4-Bromophenyl-phenylether	16.116	248	447853	25.892	ng/ul	98
69) Hexachlorobenzene	16.228	284	505494	23.855	ng/ul	97
70) Atrazine	16.416	200	467497	28.713	ng/ul	99
71) Pentachlorophenol	16.592	266	326530	26.400	ng/ul	97
72) Phenanthrene	16.980	178	2210198	29.177	ng/ul	99
74) Anthracene	17.081	178	2157859	28.489	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.916	216	638268	30.220	ng/uL	99
76) Pentachlorobenzene	14.463	250	619388	26.606	ng/uL	100
77) Carbazole	17.369	167	2007788	32.536	ng/ul	98
78) Di-n-butylphthalate	17.945	149	2358946	31.112	ng/ul	99
80) Fluoranthene	19.080	202	2781303	29.853	ng/ul#	93
82) Pyrene	19.457	202	2914752	29.482	ng/ul#	91
83) Butylbenzylphthalate	20.416	149	1115695	32.583	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	952308	26.668	ng/ul#	98
85) Benzo(a)anthracene	21.357	228	2867495	27.477	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	1578882	32.109	ng/ul	98
87) Chrysene	21.421	228	2690081	26.899	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	2785119	34.772	ng/ul	100
90) Benzo(b)fluoranthene	23.539	252	2921957	28.358	ng/ul#	98
91) Benzo(k)fluoranthene	23.610	252	2806210	27.373	ng/ul#	98
93) Benzo(a)pyrene	24.386	252	2627051	28.120	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.127	276	3282982	27.345	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.180	278	2596135	27.021	ng/ul#	96
96) Benzo(g,h,i)perylene	29.227	276	2553589	27.780	ng/ul#	94

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

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