Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022495.D
Acq On : 20 Oct 2024 04:28
Operator : RC/JU
Sample : P4346-08MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAW9MS

Quant Time: Oct 21 04:07:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	164819	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	609379	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	440861	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	851709	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	755951	20.000	ng/ul	0.00
88) Perylene-d12	24.762	264	1001083	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	12721	2.999	ng/uL	0.00
4) Pyridine-d5	3.605	84	193058	16.581	ng/ul	0.00
7) Phenol-d5	6.852	99	273033	19.679	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	160112	19.635	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	207852	21.113	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	224737	20.298	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	102323	21.838	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	123389	22.746	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	264596	22.950	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	254026	18.646	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	754488	21.540	ng/ul	0.01
49) Acenaphthylene-d8	13.969	160	811085	21.802	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	74490	12.676	ng/ul	0.00
60) Fluorene-d10	15.286	176	630172	20.742	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	93197	16.638	ng/ul	0.02
73) Anthracene-d10	17.180	188	867421	21.650	ng/ul	0.01
81) Pyrene-d10	19.557	212	881258	22.045	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	1211771	22.666	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	43842	9.614	ng/uL	98
5) Pyridine	3.622	79	304740	25.525	ng/ul	97
6) Benzaldehyde	6.816	77	74008	9.871	ng/ul	97
8) Phenol	6.881	94	426724	29.563	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.093	93	321665	29.776	ng/ul	99
12) 2-Chlorophenol	7.234	128	316956	31.135	ng/ul	97
13) 2-Methylphenol	8.104	108	313689	29.945	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.175	45	362475	28.871	ng/ul	99
16) Acetophenone	8.475	105	523568	28.643	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.463	70	271418	29.308	ng/ul	99
18) 4-Methylphenol	8.434	108	341421	29.379	ng/ul	95
19) Hexachloroethane	8.722	117	148265	31.273	ng/ul	98
22) Nitrobenzene	8.846	77	421783	30.157	ng/ul	98
23) Isophorone	9.369	82	759586	30.291	ng/ul	99
25) 2-Nitrophenol	9.546	139	190909	32.655	ng/ul	98
26) 2,4-Dimethylphenol	9.610	107	403148	31.726	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.834	93	440471	30.935	ng/ul	99
29) 2,4-Dichlorophenol	10.081	162	372034	32.768	ng/ul	98
30) Naphthalene	10.469	128	1009461	31.101	ng/ul	98
32) 4-Chloroaniline	10.575	127	233434	17.359	ng/ul	99
33) Hexachlorobutadiene	10.751	225	322152	33.665	ng/ul	99
34) Caprolactam	11.375	113	94768	25.890	ng/ul	94
35) 4-Chloro-3-methylphenol	11.710	107	381800	30.821	ng/ul	98
36) 2-Methylnaphthalene	12.075	142	748702	31.425	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	739531	30.411	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.451	216	560099	34.359	ng/ul	95
40) Hexachlorocyclopentadiene	12.428	237	175650	17.686	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	348571	33.995	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	367532	33.663	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	1045523	32.902	ng/ul	100
44) 2-Chloronaphthalene	13.139	162	845447	32.501	ng/ul	98
45) 2-Nitroaniline	13.357	65	236068	30.392	ng/ul	94
47) Dimethylphthalate	13.745	163	1076540	30.844	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	217843	32.997	ng/ul	97
50) Acenaphthylene	13.998	152	1189454	30.806	ng/ul	99
51) 3-Nitroaniline	14.187	138	170720	27.533	ng/ul	97
52) Acenaphthene	14.339	153	857616	31.411	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	114852	23.645	ng/ul	97
55) 4-Nitrophenol	14.516	109	160702	24.640	ng/ul	91
56) Dibenzofuran	14.686	168	1253816	30.571	ng/ul	100
57) 2,4-Dinitrotoluene	14.663	165	303463	29.581	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.916	232	306414	30.068	ng/ul	98
59) Diethylphthalate	15.122	149	1031826	30.814	ng/ul	98
61) Fluorene	15.345	166	1001805	29.979	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	589790	30.863	ng/ul	98
63) 4-Nitroaniline	15.381	138	174525	27.972	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.445	198	182758	30.290	ng/ul#	97
67) N-Nitrosodiphenylamine	15.551	169	834942	36.607	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	389794	37.951	ng/ul	97
69) Hexachlorobenzene	16.375	284	448889	35.506	ng/ul	99
70) Atrazine	16.528	200	332439	35.065	ng/ul	96
71) Pentachlorophenol	16.728	266	250991	30.876	ng/ul	98
72) Phenanthrene	17.133	178	1577994	34.630	ng/ul	99
74) Anthracene	17.216	178	1463352	32.180	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	541763	41.776	ng/uL	97
76) Pentachlorobenzene	14.598	250	554297	38.665	ng/uL	99
77) Carbazole	17.504	167	1128126	28.037	ng/ul	100
78) Di-n-butylphthalate	18.086	149	1394812	31.329	ng/ul	99
80) Fluoranthene	19.216	202	1872887	40.753	ng/ul	98
82) Pyrene	19.592	202	1834258	37.238	ng/ul	97
83) Butylbenzylphthalate	20.533	149	534249	31.153	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	477718	26.510	ng/ul	99
85) Benzo(a)anthracene	21.486	228	1836366	34.652	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	796059	32.339	ng/ul	98
87) Chrysene	21.551	228	1713909	34.879	ng/ul	99
89) Di-n-octyl phthalate	22.657	149	1331135	27.955	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	2148897	34.102	ng/ul	99
91) Benzo(k)fluoranthene	23.798	252	2053371	33.283	ng/ul	99
93) Benzo(a)pyrene	24.609	252	2000123	34.488	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.486	276	2646652m	34.198	ng/ul	
95) Dibenzo(a,h)anthracene	28.539	278	2047277m	32.668	ng/ul	
96) Benzo(g,h,i)perylene	29.627	276	2055426m	34.145	ng/ul	

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

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