Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022480.D
Acq On : 19 Oct 2024 17:38
Operator : RC/JU
Sample : P4361-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ0MSD

Quant Time: Oct 21 01:58:45 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	7.664	152	120992	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	471489	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	362240	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	788573	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	610400	20.000	ng/ul	0.02
88) Perylene-d12	24.769	264	747248	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	13730	4.410	ng/uL	0.00
4) Pyridine-d5	3.605	84	203053	23.756	ng/ul	0.00
7) Phenol-d5	6.858	99	292275	28.697	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	166075	27.744	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	219008	30.305	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	248233	30.541	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	110214	30.402	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	136087	32.424	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	294448	33.008	ng/ul	0.00
31) 4-Chloroaniline-d4	10.558	131	288475	27.368	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	914951	31.790	ng/ul	0.01
49) Acenaphthylene-d8	13.969	160	960094	31.408	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	79262	16.416	ng/ul	0.00
60) Fluorene-d10	15.275	176	763438	30.582	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.428	200	101779	19.624	ng/ul	0.01
73) Anthracene-d10	17.187	188	1163034	31.352	ng/ul	0.02
81) Pyrene-d10	19.557	212	1156556	35.830	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	1302640	32.642	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	38520	11.506	ng/uL	99
5) Pyridine	3.623	79	265270	30.268	ng/ul	99
6) Benzaldehyde	6.822	77	58796	10.683	ng/ul	97
8) Phenol	6.881	94	387548	36.574	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	282851	35.667	ng/ul	97
12) 2-Chlorophenol	7.240	128	276454	36.994	ng/ul	96
13) 2-Methylphenol	8.105	108	282275	36.707	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.175	45	319088	34.621	ng/ul	99
16) Acetophenone	8.475	105	468020	34.878	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.458	70	245317	36.084	ng/ul	99
18) 4-Methylphenol	8.428	108	313148	36.707	ng/ul	97
19) Hexachloroethane	8.722	117	124488	35.769	ng/ul	98
22) Nitrobenzene	8.846	77	375704	34.719	ng/ul	98
23) Isophorone	9.369	82	691850	35.658	ng/ul	99
25) 2-Nitrophenol	9.546	139	173566	38.371	ng/ul	97
26) 2,4-Dimethylphenol	9.611	107	367473	37.376	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.840	93	397409	36.074	ng/ul	98
29) 2,4-Dichlorophenol	10.081	162	341803	38.909	ng/ul	98
30) Naphthalene	10.469	128	905760	36.068	ng/ul	98
32) 4-Chloroaniline	10.581	127	227143	21.831	ng/ul	99
33) Hexachlorobutadiene	10.752	225	279006	37.684	ng/ul	99
34) Caprolactam	11.375	113	94500m	33.368	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	364371	38.016	ng/ul	100
36) 2-Methylnaphthalene	12.075	142	694208	37.659	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.305	142	680031	36.143	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.452	216	515205	38.465	ng/ul	94
40) Hexachlorocyclopentadiene	12.428	237	189880	23.268	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	333438	39.577	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	361802	40.330	ng/ul	98
43) 1,1'-Biphenyl	13.099	154	995322	38.120	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	810834	37.935	ng/ul	98
45) 2-Nitroaniline	13.357	65	232341	36.405	ng/ul	94
47) Dimethylphthalate	13.740	163	1070176	37.316	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	221689	40.868	ng/ul	97
50) Acenaphthylene	13.993	152	1160403	36.577	ng/ul	99
51) 3-Nitroaniline	14.193	138	175602	34.467	ng/ul	96
52) Acenaphthene	14.346	153	827124	36.869	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	120616	30.221	ng/ul	94
55) 4-Nitrophenol	14.516	109	170130	31.748	ng/ul	94
56) Dibenzofuran	14.681	168	1243102	36.889	ng/ul	100
57) 2,4-Dinitrotoluene	14.663	165	315134	37.386	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	320647	38.293	ng/ul	99
59) Diethylphthalate	15.122	149	1027623	37.349	ng/ul	100
61) Fluorene	15.340	166	995753	36.265	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	588273	37.465	ng/ul	100
63) 4-Nitroaniline	15.375	138	187622	36.597	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.445	198	197922	35.430	ng/ul#	98
67) N-Nitrosodiphenylamine	15.551	169	862533	40.845	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	403992	42.483	ng/ul	96
69) Hexachlorobenzene	16.363	284	475353	40.610	ng/ul	99
70) Atrazine	16.534	200	367068	41.817	ng/ul	95
71) Pentachlorophenol	16.722	266	277444	36.863	ng/ul	98
72) Phenanthrene	17.122	178	1575116	37.334	ng/ul	99
74) Anthracene	17.222	178	1543086	36.651	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	509931	42.470	ng/uL	97
76) Pentachlorobenzene	14.599	250	546012	41.136	ng/uL	98
77) Carbazole	17.504	167	1239985	33.285	ng/ul	98
78) Di-n-butylphthalate	18.087	149	1620480	39.312	ng/ul	100
80) Fluoranthene	19.210	202	1722222	46.410	ng/ul	98
82) Pyrene	19.592	202	1690558	42.505	ng/ul	98
83) Butylbenzylphthalate	20.539	149	580008	41.886	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	464194	31.902	ng/ul	98
85) Benzo(a)anthracene	21.498	228	1605213	37.513	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	821981	41.354	ng/ul	99
87) Chrysene	21.557	228	1494207	37.659	ng/ul	99
89) Di-n-octyl phthalate	22.657	149	1294105	36.409	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	1785698	37.964	ng/ul#	99
91) Benzo(k)fluoranthene	23.804	252	1769884	38.433	ng/ul	99
93) Benzo(a)pyrene	24.610	252	1632140	37.702	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.468	276	2223076	38.482	ng/ul	98
95) Dibenzo(a,h)anthracene	28.533	278	1764716	37.724	ng/ul	98
96) Benzo(g,h,i)perylene	29.621	276	1720296m	38.285	ng/ul	

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

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