Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022121.D
Acq On : 30 Sep 2024 20:46
Operator : RC/JU
Sample : P4022-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDC70MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

Quant Time: Oct 01 01:32:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	122648	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.458	136	470506	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	362078	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.122	188	845891	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	936392	20.000	ng/ul	0.00
88) Perylene-d12	24.816	264	1117907	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	11391	3.638	ng/uL	0.00
4) Pyridine-d5	3.634	84	64789	7.239	ng/ul	0.00
7) Phenol-d5	6.905	99	95003	9.469	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.040	67	171155	27.705	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	208021	28.658	ng/ul	0.00
15) 4-Methylphenol-d8	8.411	113	164237	20.659	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	111535	31.672	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	129924	32.539	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.099	165	273237	31.511	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	123790	11.965	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	914187	32.662	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	940060	31.723	ng/ul	0.00
54) 4-Nitrophenol-d4	14.546	143	50660m	10.582	ng/ul	0.02
60) Fluorene-d10	15.316	176	771594	31.165	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	211342	40.243	ng/ul	0.00
73) Anthracene-d10	17.228	188	1315406	33.310	ng/ul	0.01
81) Pyrene-d10	19.581	212	1656586	34.148	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.592	264	1971493	33.530	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	16523	4.871	ng/uL	98
5) Pyridine	3.652	79	74231	8.163	ng/ul	98
6) Benzaldehyde	6.858	77	283587	49.968	ng/ul#	1
8) Phenol	6.934	94	105408	10.068	ng/ul#	57
10) Bis(2-Chloroethyl)ether	7.134	93	233575	29.148	ng/ul	97
12) 2-Chlorophenol	7.281	128	217534	28.908	ng/ul	99
13) 2-Methylphenol	8.152	108	179224	23.602	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.216	45	206371	27.761	ng/ul	95
16) Acetophenone	8.493	105	936110	70.789	ng/ul#	42
17) N-Nitroso-di-n-propyla...	8.499	70	201160	29.343	ng/ul#	93
18) 4-Methylphenol	8.469	108	174553	21.080	ng/ul	96
19) Hexachloroethane	8.769	117	184276m	51.875	ng/ul	
22) Nitrobenzene	8.881	77	321566	29.867	ng/ul	98
23) Isophorone	9.405	82	1083444	58.095	ng/ul	98
25) 2-Nitrophenol	9.587	139	138212	32.351	ng/ul	98
26) 2,4-Dimethylphenol	9.658	107	272824	28.189	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.875	93	317263	29.512	ng/ul	97
29) 2,4-Dichlorophenol	10.122	162	296453	34.411	ng/ul	98
30) Naphthalene	10.510	128	1789855	72.297	ng/ul	99
32) 4-Chloroaniline	10.628	127	81818	7.985	ng/ul	94
33) Hexachlorobutadiene	10.799	225	208027	27.197	ng/ul	96
34) Caprolactam	11.552	113	21134m	8.087	ng/ul	
35) 4-Chloro-3-methylphenol	11.752	107	293367	31.477	ng/ul	99
36) 2-Methylnaphthalene	12.116	142	1389263	75.511	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	1054842	56.849	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.487	216	400387	29.826	ng/ul#	98
40) Hexachlorocyclopentadiene	12.469	237	216273	25.612	ng/ul	98
41) 2,4,6-Trichlorophenol	12.734	196	354222	44.139	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	323448	37.219	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	845064	32.637	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	655131	31.425	ng/ul	100
45) 2-Nitroaniline	13.381	65	214715	35.619	ng/ul	92
47) Dimethylphthalate	13.769	163	908472	32.316	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	190405	35.330	ng/ul	99
50) Acenaphthylene	14.028	152	996485	32.246	ng/ul	98
51) 3-Nitroaniline	14.222	138	86661	17.662	ng/ul	95
52) Acenaphthene	14.375	153	715234	31.854	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	126746	34.564	ng/ul	98
55) 4-Nitrophenol	14.563	109	62816	11.597	ng/ul	95
56) Dibenzofuran	14.710	168	1045031	31.305	ng/ul	98
57) 2,4-Dinitrotoluene	14.687	165	285082	34.326	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.963	232	9123688	1090.673	ng/ul	97
59) Diethylphthalate	15.157	149	878122	31.562	ng/ul	99
61) Fluorene	15.369	166	905872	32.630	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	493315	30.865	ng/ul	97
63) 4-Nitroaniline	15.393	138	106214	21.269	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.457	198	270786	47.361	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	754097	33.848	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	344587	33.922	ng/ul	99
69) Hexachlorobenzene	16.392	284	423325	34.321	ng/ul	95
70) Atrazine	16.604	200	182554	18.368	ng/ul	99
71) Pentachlorophenol	16.816	266	26303739	3196.302	ng/ul	98
72) Phenanthrene	17.169	178	1534333	34.595	ng/ul	99
74) Anthracene	17.257	178	1462059	32.394	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.099	216	396969	31.273	ng/uL	99
76) Pentachlorobenzene	14.634	250	444377	31.834	ng/uL	99
77) Carbazole	17.528	167	1299952	32.680	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1526774	33.291	ng/ul	99
80) Fluoranthene	19.239	202	1937624	34.944	ng/ul	99
82) Pyrene	19.616	202	2046875	34.295	ng/ul	97
83) Butylbenzylphthalate	20.563	149	745535	35.842	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.445	252	40262	1.878	ng/ul	96
85) Benzo(a)anthracene	21.522	228	2110893	32.711	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1037205	33.986	ng/ul#	98
87) Chrysene	21.586	228	1961734	32.391	ng/ul	100
89) Di-n-octyl phthalate	22.710	149	1817357	32.908	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2318703	33.412	ng/ul	98
91) Benzo(k)fluoranthene	23.851	252	2253397	32.580	ng/ul	99
93) Benzo(a)pyrene	24.669	252	2001146	31.295	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.533	276	2784034	33.391	ng/ul	98
95) Dibenzo(a,h)anthracene	28.609	278	2234946	33.275	ng/ul#	97
96) Benzo(g,h,i)perylene	29.709	276	2140359m	33.084	ng/ul	

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

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