Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021737.D
Acq On : 30 Aug 2024 02:10
Operator : RC/JU
Sample : P3721-08MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCXZ0MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 02:38:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	535143	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	2249107	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.434	164	1388535	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2897968	20.000	ng/ul	0.01
79) Chrysene-d12	21.692	240	2465279	20.000	ng/ul	0.02
88) Perylene-d12	25.104	264	2854537	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	57090	3.542	ng/uL	0.00
4) Pyridine-d5	3.687	84	392324	8.415	ng/ul	0.00
7) Phenol-d5	6.969	99	1504595	26.345	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	783377	25.205	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	1005000	27.257	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	1084143	24.566	ng/ul	0.02
21) Nitrobenzene-d5	8.940	128	499667	27.614	ng/ul	0.00
24) 2-Nitrophenol-d4	9.658	143	541543	29.484	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	1025564	28.334	ng/ul	0.01
31) 4-Chloroaniline-d4	10.710	131	901811	17.126	ng/ul	0.01
46) Dimethylphthalate-d6	13.840	166	2768044	26.053	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	3280590	27.502	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	518526	25.652	ng/ul	0.02
60) Fluorene-d10	15.440	176	2379054	26.634	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	409379	25.684	ng/ul	0.01
73) Anthracene-d10	17.345	188	3497305	25.429	ng/ul	0.00
81) Pyrene-d10	19.716	212	4115998	29.207	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.863	264	4242618	27.873	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	179778	10.494	ng/uL	95
5) Pyridine	3.705	79	1305085	28.013	ng/ul	98
6) Benzaldehyde	6.934	77	1046952	35.841	ng/ul	100
8) Phenol	6.999	94	2103491	35.323	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	1558171	33.662	ng/ul	99
12) 2-Chlorophenol	7.364	128	1379596	35.649	ng/ul	98
13) 2-Methylphenol	8.240	108	1457025	33.916	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.311	45	1507040	33.732	ng/ul	98
16) Acetophenone	8.611	105	2358939	33.342	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	1086044	32.528	ng/ul	99
18) 4-Methylphenol	8.563	108	1618183	34.406	ng/ul	99
19) Hexachloroethane	8.869	117	582405	33.658	ng/ul	98
22) Nitrobenzene	8.981	77	1731824	34.323	ng/ul	99
23) Isophorone	9.516	82	3348526	33.072	ng/ul	99
25) 2-Nitrophenol	9.693	139	771866	37.929	ng/ul	97
26) 2,4-Dimethylphenol	9.758	107	998498	19.991	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.987	93	2119173	33.374	ng/ul	99
29) 2,4-Dichlorophenol	10.234	162	1299505	35.729	ng/ul	99
30) Naphthalene	10.628	128	4302419	33.942	ng/ul	100
32) 4-Chloroaniline	10.740	127	1265113	23.797	ng/ul	98
33) Hexachlorobutadiene	10.916	225	831728	34.082	ng/ul	99
34) Caprolactam	11.534	113	504252	32.785	ng/ul	98
35) 4-Chloro-3-methylphenol	11.869	107	1714133	35.608	ng/ul	99
36) 2-Methylnaphthalene	12.240	142	2916731	34.019	ng/ul	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	2850501	33.054	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	1586010	36.241	ng/ul	99
40) Hexachlorocyclopentadiene	12.593	237	485337	19.327	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	1042481	36.997	ng/ul	99
42) 2,4,5-Trichlorophenol	12.934	196	1151150	37.835	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	3681304	35.042	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	2926690	35.531	ng/ul	99
45) 2-Nitroaniline	13.498	65	994570	38.543	ng/ul	97
47) Dimethylphthalate	13.887	163	3600786	33.846	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	772268	39.360	ng/ul	98
50) Acenaphthylene	14.151	152	4529949	35.310	ng/ul	99
51) 3-Nitroaniline	14.340	138	767614	35.802	ng/ul	99
52) Acenaphthene	14.498	153	3118034	34.560	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	382308	32.547	ng/ul	97
55) 4-Nitrophenol	14.663	109	678564	36.663	ng/ul	96
56) Dibenzofuran	14.845	168	4299689	34.448	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	1106737	37.537	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	919555	35.080	ng/ul	98
59) Diethylphthalate	15.281	149	3649738	34.163	ng/ul	100
61) Fluorene	15.498	166	3407674	33.754	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	1698739	33.487	ng/ul	98
63) 4-Nitroaniline	15.522	138	819406	39.543	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.587	198	587998	32.979	ng/ul	100
67) N-Nitrosodiphenylamine	15.716	169	2956542	34.681	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	1126756	35.220	ng/ul	97
69) Hexachlorobenzene	16.534	284	1317563	34.691	ng/ul	98
70) Atrazine	16.710	200	806057	24.926	ng/ul	99
71) Pentachlorophenol	16.881	266	856805	35.249	ng/ul	98
72) Phenanthrene	17.287	178	5487757	34.493	ng/ul	99
74) Anthracene	17.387	178	5203287	32.282	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	1542322	35.797	ng/uL	99
76) Pentachlorobenzene	14.763	250	1467642	32.864	ng/uL	99
77) Carbazole	17.663	167	5094383	35.142	ng/ul	100
78) Di-n-butylphthalate	18.251	149	6445834	36.529	ng/ul	100
80) Fluoranthene	19.363	202	6200059	37.701	ng/ul	98
82) Pyrene	19.739	202	6464560	37.116	ng/ul	100
83) Butylbenzylphthalate	20.686	149	2855179	40.038	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.586	252	497199	8.003	ng/ul	98
85) Benzo(a)anthracene	21.669	228	6204853	35.382	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.610	149	4071117	38.679	ng/ul	99
87) Chrysene	21.739	228	5735199	34.750	ng/ul	99
89) Di-n-octyl phthalate	22.916	149	7059939	39.072	ng/ul	100
90) Benzo(b)fluoranthene	24.016	252	6528526	36.552	ng/ul	99
91) Benzo(k)fluoranthene	24.086	252	6380922	36.492	ng/ul	99
93) Benzo(a)pyrene	24.945	252	5727439	34.806	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.980	276	7910895m	37.285	ng/ul	
95) Dibenzo(a,h)anthracene	29.062	278	6345793	37.220	ng/ul	99
96) Benzo(g,h,i)perylene	30.168	276	6132827	37.410	ng/ul	98

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

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