Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022942.D
Acq On : 08 Nov 2024 20:56
Operator : RC/JU
Sample : SSTD02051
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020630

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 23:26:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 21:50:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	53999	20.000	ng/ul	0.00
20) Naphthalene-d8	10.351	136	205623	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.222	164	171199	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	436257	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	540002	20.000	ng/ul	0.00
88) Perylene-d12	24.680	264	665185	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	9514	6.847	ng/uL	0.00
4) Pyridine-d5	3.558	84	67766	17.764	ng/ul	0.00
7) Phenol-d5	6.793	99	78096	17.181	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	47280	17.697	ng/ul	0.00
11) 2-Chlorophenol-d4	7.140	132	59102	18.324	ng/ul	0.00
15) 4-Methylphenol-d8	8.304	113	63027	17.375	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	29774	18.832	ng/ul	0.00
24) 2-Nitrophenol-d4	9.446	143	35170	19.214	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.993	165	73946	19.007	ng/ul	0.00
31) 4-Chloroaniline-d4	10.498	131	86363	18.787	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	253697	18.651	ng/ul	0.00
49) Acenaphthylene-d8	13.904	160	270259	18.707	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	36585	16.033	ng/ul	0.00
60) Fluorene-d10	15.233	176	223124	18.912	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	50564	17.623	ng/ul	0.00
73) Anthracene-d10	17.122	188	400120	19.497	ng/ul	0.00
81) Pyrene-d10	19.510	212	508674	17.813	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.468	264	675558	19.017	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	10486	7.018	ng/uL	100
5) Pyridine	3.575	79	66071	16.892	ng/ul	100
6) Benzaldehyde	6.757	77	56452	22.982	ng/ul	100
8) Phenol	6.822	94	81853	17.308	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.034	93	62372	17.623	ng/ul	100
12) 2-Chlorophenol	7.175	128	60501	18.140	ng/ul	100
13) 2-Methylphenol	8.040	108	60509	17.631	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.099	45	71889	17.477	ng/ul	100
16) Acetophenone	8.404	105	110466	18.446	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.387	70	57539	18.964	ng/ul	100
18) 4-Methylphenol	8.363	108	67622	17.761	ng/ul	100
19) Hexachloroethane	8.646	117	29342	18.890	ng/ul	100
22) Nitrobenzene	8.775	77	85957	18.214	ng/ul	100
23) Isophorone	9.299	82	155010	18.319	ng/ul	100
25) 2-Nitrophenol	9.475	139	37679	19.100	ng/ul	100
26) 2,4-Dimethylphenol	9.546	107	83299	19.427	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.769	93	84801	17.650	ng/ul	100
29) 2,4-Dichlorophenol	10.016	162	75238	19.639	ng/ul	100
30) Naphthalene	10.398	128	211251	19.289	ng/ul	100
32) 4-Chloroaniline	10.516	127	82567	18.196	ng/ul	100
33) Hexachlorobutadiene	10.675	225	65244	20.206	ng/ul	100
34) Caprolactam	11.310	113	21648m	17.527	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	81389	19.471	ng/ul	100
36) 2-Methylnaphthalene	12.016	142	157004	19.529	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	161476	19.679	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.387	216	120395	19.019	ng/ul	100
40) Hexachlorocyclopentadiene	12.357	237	55439	14.374	ng/ul	100
41) 2,4,6-Trichlorophenol	12.640	196	72186	18.129	ng/ul	100
42) 2,4,5-Trichlorophenol	12.728	196	80104	18.893	ng/ul	100
43) 1,1'-Biphenyl	13.034	154	228813	18.543	ng/ul	100
44) 2-Chloronaphthalene	13.081	162	186632	18.475	ng/ul	100
45) 2-Nitroaniline	13.287	65	52878	17.531	ng/ul	100
47) Dimethylphthalate	13.663	163	253280	18.687	ng/ul	100
48) 2,6-Dinitrotoluene	13.810	165	48556	18.940	ng/ul	100
50) Acenaphthylene	13.934	152	279557	18.645	ng/ul	100
51) 3-Nitroaniline	14.151	138	43284	17.976	ng/ul	100
52) Acenaphthene	14.275	153	196444	18.528	ng/ul	100
53) 2,4-Dinitrophenol	14.363	184	29244	15.504	ng/ul	100
55) 4-Nitrophenol	14.481	109	44344	17.509	ng/ul	100
56) Dibenzofuran	14.616	168	306909	19.270	ng/ul	100
57) 2,4-Dinitrotoluene	14.604	165	80459	20.197	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.875	232	76603	19.357	ng/ul	100
59) Diethylphthalate	15.057	149	248181	19.086	ng/ul	100
61) Fluorene	15.292	166	247298	19.057	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.281	204	142310	19.177	ng/ul	100
63) 4-Nitroaniline	15.322	138	46737	19.289	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.386	198	55310	17.897	ng/ul	100
67) N-Nitrosodiphenylamine	15.504	169	214701	18.378	ng/ul	100
68) 4-Bromophenyl-phenylether	16.192	248	101444	19.283	ng/ul	100
69) Hexachlorobenzene	16.316	284	129557	20.007	ng/ul	100
70) Atrazine	16.480	200	99235	20.435	ng/ul	100
71) Pentachlorophenol	16.686	266	75038	18.022	ng/ul	100
72) Phenanthrene	17.069	178	433851	18.588	ng/ul	100
74) Anthracene	17.151	178	438766	18.838	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.998	216	120145	18.087	ng/uL	100
76) Pentachlorobenzene	14.545	250	133861	18.229	ng/uL	100
77) Carbazole	17.445	167	385060	18.683	ng/ul	100
78) Di-n-butylphthalate	18.033	149	423939	18.590	ng/ul	100
80) Fluoranthene	19.163	202	584174	17.795	ng/ul	100
82) Pyrene	19.539	202	630345	17.915	ng/ul	100
83) Butylbenzylphthalate	20.492	149	203822	16.638	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.363	252	260216	20.215	ng/ul	100
85) Benzo(a)anthracene	21.439	228	688882	18.197	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.368	149	294503	16.748	ng/ul	100
87) Chrysene	21.498	228	657513	18.732	ng/ul	100
89) Di-n-octyl phthalate	22.592	149	512218	16.189	ng/ul	100
90) Benzo(b)fluoranthene	23.674	252	801252	19.136	ng/ul	100
91) Benzo(k)fluoranthene	23.739	252	757763	18.485	ng/ul	100
93) Benzo(a)pyrene	24.539	252	701940	18.215	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.345	276	973705m	18.935	ng/ul	
95) Dibenzo(a,h)anthracene	28.403	278	786651m	18.891	ng/ul	
96) Benzo(g,h,i)perylene	29.480	276	732053	18.302	ng/ul	100

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

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