Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023786.D
Acq On : 29 Jan 2025 14:38
Operator : RC/JU
Sample : SSTD02081
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020618

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 29 16:16:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	487689	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	2130098	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	1425434	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2819778	20.000	ng/ul	0.00
79) Chrysene-d12	21.680	240	2865187	20.000	ng/ul	0.00
88) Perylene-d12	25.086	264	2992199	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	103566	8.535	ng/uL	0.00
4) Pyridine-d5	3.711	84	754046	21.456	ng/ul	0.00
7) Phenol-d5	6.975	99	918757	21.867	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	496756	21.339	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	744622	23.196	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	763853	22.842	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	368999	22.583	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	402669	25.645	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	737019	23.241	ng/ul	0.00
31) 4-Chloroaniline-d4	10.699	131	1112244	22.166	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	2313118	22.202	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	2651148	22.144	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	445395	21.303	ng/ul	0.00
60) Fluorene-d10	15.416	176	1946622	21.871	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	336225	22.639	ng/ul	0.00
73) Anthracene-d10	17.316	188	3034489	22.263	ng/ul	0.00
81) Pyrene-d10	19.692	212	3392245	22.735	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.851	264	3441181	22.657	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	109842	8.561	ng/uL	100
5) Pyridine	3.728	79	747459	21.192	ng/ul	100
6) Benzaldehyde	6.934	77	563969	26.648	ng/ul	100
8) Phenol	6.999	94	948301	21.668	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.211	93	734115	21.700	ng/ul	100
12) 2-Chlorophenol	7.364	128	764391	22.620	ng/ul	100
13) 2-Methylphenol	8.234	108	713992	22.287	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.299	45	764816	21.862	ng/ul	100
16) Acetophenone	8.599	105	1204532	22.689	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.587	70	579181	23.403	ng/ul	100
18) 4-Methylphenol	8.558	108	803379	22.516	ng/ul	100
19) Hexachloroethane	8.863	117	301487	21.983	ng/ul	100
22) Nitrobenzene	8.975	77	809438	21.508	ng/ul	100
23) Isophorone	9.505	82	1666092	22.900	ng/ul	100
25) 2-Nitrophenol	9.681	139	436010	24.249	ng/ul	100
26) 2,4-Dimethylphenol	9.752	107	825070	22.716	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.975	93	1027044	21.977	ng/ul	100
29) 2,4-Dichlorophenol	10.222	162	748445	22.881	ng/ul	100
30) Naphthalene	10.616	128	2498726	21.643	ng/ul	100
32) 4-Chloroaniline	10.722	127	1052712	22.045	ng/ul	100
33) Hexachlorobutadiene	10.905	225	438807	21.625	ng/ul	100
34) Caprolactam	11.499	113	291459	23.726	ng/ul	100
35) 4-Chloro-3-methylphenol	11.857	107	823070	24.018	ng/ul	100
36) 2-Methylnaphthalene	12.222	142	1765768	22.422	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.446	142	1764017	22.437	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.593	216	910243	21.403	ng/ul	100
40) Hexachlorocyclopentadiene	12.581	237	488601	21.987	ng/ul	100
41) 2,4,6-Trichlorophenol	12.834	196	616825	23.954	ng/ul	100
42) 2,4,5-Trichlorophenol	12.922	196	658502	23.284	ng/ul	100
43) 1,1'-Biphenyl	13.234	154	2322519	21.567	ng/ul	100
44) 2-Chloronaphthalene	13.281	162	1789304	21.386	ng/ul	100
45) 2-Nitroaniline	13.481	65	470150	23.153	ng/ul	100
47) Dimethylphthalate	13.863	163	2288202	21.976	ng/ul	100
48) 2,6-Dinitrotoluene	13.981	165	452740	23.876	ng/ul	100
50) Acenaphthylene	14.134	152	2813081	21.738	ng/ul	100
51) 3-Nitroaniline	14.316	138	518486	23.496	ng/ul	100
52) Acenaphthene	14.475	153	1989595	21.739	ng/ul	100
53) 2,4-Dinitrophenol	14.516	184	225604	22.793	ng/ul	100
55) 4-Nitrophenol	14.651	109	321476	21.188	ng/ul	100
56) Dibenzofuran	14.816	168	2739302	21.744	ng/ul	100
57) 2,4-Dinitrotoluene	14.775	165	672219	23.725	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.057	232	565836	24.056	ng/ul	100
59) Diethylphthalate	15.251	149	2238572	21.881	ng/ul	100
61) Fluorene	15.475	166	2290201	21.866	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	1116108	21.732	ng/ul	100
63) 4-Nitroaniline	15.493	138	524320	23.831	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.551	198	385491	23.138	ng/ul	100
67) N-Nitrosodiphenylamine	15.687	169	1884522	22.112	ng/ul	100
68) 4-Bromophenyl-phenylether	16.387	248	687039	22.408	ng/ul	100
69) Hexachlorobenzene	16.504	284	822366	22.051	ng/ul	100
70) Atrazine	16.669	200	714647	22.482	ng/ul	100
71) Pentachlorophenol	16.857	266	475149	20.970	ng/ul	100
72) Phenanthrene	17.257	178	3478398	21.759	ng/ul	100
74) Anthracene	17.345	178	3497906	22.110	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.199	216	911981	22.073	ng/uL	100
76) Pentachlorobenzene	14.740	250	980002	22.249	ng/uL	100
77) Carbazole	17.628	167	3244589	23.212	ng/ul	100
78) Di-n-butylphthalate	18.228	149	3753764	23.395	ng/ul	100
80) Fluoranthene	19.345	202	3938867	23.256	ng/ul	100
82) Pyrene	19.722	202	4219817	23.003	ng/ul	100
83) Butylbenzylphthalate	20.680	149	1677092	24.598	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.586	252	1300042	24.295	ng/ul	100
85) Benzo(a)anthracene	21.663	228	4053362	22.162	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	2381078	23.817	ng/ul	100
87) Chrysene	21.727	228	3770006	22.068	ng/ul	100
89) Di-n-octyl phthalate	22.922	149	3932339	24.786	ng/ul	100
90) Benzo(b)fluoranthene	24.010	252	3999541	22.301	ng/ul	100
91) Benzo(k)fluoranthene	24.074	252	3951312	21.562	ng/ul	100
93) Benzo(a)pyrene	24.916	252	3767685	22.316	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.962	276	4817048m	22.772	ng/ul	
95) Dibenzo(a,h)anthracene	29.039	278	3929812	22.876	ng/ul	100
96) Benzo(g,h,i)perylene	30.168	276	3734340m	22.908	ng/ul	

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

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