Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063025\
Data File : BP025046.D
Acq On : 30 Jun 2025 17:27
Operator : RC/JU
Sample : SSTD02006
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020640

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/01/2025
Supervised By :Jagrut Upadhyay 07/02/2025

Quant Time: Jul 01 11:03:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP063025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 10:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	409721	20.000	ng/ul	0.00
20) Naphthalene-d8	10.196	136	1624102	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.090	164	1060135	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.913	188	2145738	20.000	ng/ul	0.00
79) Chrysene-d12	21.342	240	2370990	20.000	ng/ul	0.00
88) Perylene-d12	24.477	264	2573630	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.090	96	76351	8.341	ng/uL	0.00
4) Pyridine-d5	3.472	84	530691	20.477	ng/ul	0.00
7) Phenol-d5	6.625	99	619048	19.626	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.796	67	366011	20.158	ng/ul	0.00
11) 2-Chlorophenol-d4	6.984	132	529108	20.731	ng/ul	0.00
15) 4-Methylphenol-d8	8.137	113	504574	19.750	ng/ul	0.00
21) Nitrobenzene-d5	8.572	128	226582	20.783	ng/ul	0.00
24) 2-Nitrophenol-d4	9.284	143	188866	19.873	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.819	165	504836	20.905	ng/ul	0.00
31) 4-Chloroaniline-d4	10.319	131	757359	20.366	ng/ul	0.00
46) Dimethylphthalate-d6	13.513	166	1589058	20.866	ng/ul	0.00
49) Acenaphthylene-d8	13.778	160	1875308	21.028	ng/ul	0.00
54) 4-Nitrophenol-d4	14.290	143	287506	19.986	ng/ul	0.00
60) Fluorene-d10	15.107	176	1361604	20.826	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.237	200	150930	16.188	ng/ul	0.00
73) Anthracene-d10	17.019	188	2160159	20.940	ng/ul	0.00
81) Pyrene-d10	19.395	212	2500571	20.563	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.271	264	2721143	21.023	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	80725	8.167	ng/uL	100
5) Pyridine	3.490	79	553227	20.603	ng/ul	100
6) Benzaldehyde	6.602	77	384323	25.141	ng/ul	100
8) Phenol	6.655	94	642643	19.845	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.884	93	505306	20.256	ng/ul	100
12) 2-Chlorophenol	7.013	128	537299	20.572	ng/ul	100
13) 2-Methylphenol	7.878	108	487589	19.775	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.966	45	706075	20.464	ng/ul	100
16) Acetophenone	8.243	105	813825	20.330	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.237	70	381843	20.878	ng/ul	100
18) 4-Methylphenol	8.196	108	527840	19.797	ng/ul	100
19) Hexachloroethane	8.502	117	202625	20.343	ng/ul	100
22) Nitrobenzene	8.607	77	534500	21.162	ng/ul	100
23) Isophorone	9.137	82	1093963	20.994	ng/ul	100
25) 2-Nitrophenol	9.307	139	231205	20.789	ng/ul	100
26) 2,4-Dimethylphenol	9.384	107	554666	20.703	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.625	93	667601	20.711	ng/ul	100
29) 2,4-Dichlorophenol	9.849	162	505165	20.942	ng/ul	100
30) Naphthalene	10.243	128	1782310	20.912	ng/ul	100
32) 4-Chloroaniline	10.343	127	747775	20.484	ng/ul	100
33) Hexachlorobutadiene	10.543	225	332710	20.685	ng/ul	100
34) Caprolactam	11.084	113	171577	20.084	ng/ul	100
35) 4-Chloro-3-methylphenol	11.478	107	506620	21.055	ng/ul	100
36) 2-Methylnaphthalene	11.860	142	1260348	20.754	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.090	142	1253997	21.016	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.243	216	634718	20.282	ng/ul	100
40)	Hexachlorocyclopentadiene	12.231	237	274942	17.954	ng/ul	100
41)	2,4,6-Trichlorophenol	12.484	196	384372	20.774	ng/ul	100
42)	2,4,5-Trichlorophenol	12.548	196	428448	20.814	ng/ul	100
43)	1,1'-Biphenyl	12.901	154	1625226	20.697	ng/ul	100
44)	2-Chloronaphthalene	12.937	162	1254773	20.550	ng/ul	100
45)	2-Nitroaniline	13.137	65	243110	21.073	ng/ul	100
47)	Dimethylphthalate	13.554	163	1567858	20.861	ng/ul	100
48)	2,6-Dinitrotoluene	13.654	165	254218	21.603	ng/ul	100
50)	Acenaphthylene	13.807	152	2108753	20.857	ng/ul	100
51)	3-Nitroaniline	13.984	138	287985	20.920	ng/ul	100
52)	Acenaphthene	14.154	153	1368719	20.960	ng/ul	100
53)	2,4-Dinitrophenol	14.201	184	90005	15.330	ng/ul	100
55)	4-Nitrophenol	14.301	109	209924	20.583	ng/ul	100
56)	Dibenzofuran	14.501	168	1906462	20.604	ng/ul	100
57)	2,4-Dinitrotoluene	14.460	165	377581	21.734	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	14.731	232	352344	21.180	ng/ul	100
59)	Diethylphthalate	14.966	149	1543579	21.026	ng/ul	100
61)	Fluorene	15.166	166	1571502	21.008	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.184	204	761063	20.609	ng/ul	100
63)	4-Nitroaniline	15.184	138	311502	22.953	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.254	198	172482	16.996	ng/ul	100
67)	N-Nitrosodiphenylamine	15.384	169	1336588	21.039	ng/ul	100
68)	4-Bromophenyl-phenylether	16.095	248	471637	20.956	ng/ul	100
69)	Hexachlorobenzene	16.195	284	588761	20.854	ng/ul	100
70)	Atrazine	16.395	200	477523	20.457	ng/ul	100
71)	Pentachlorophenol	16.560	266	327923	19.216	ng/ul	100
72)	Phenanthrene	16.960	178	2499458	20.925	ng/ul	100
74)	Anthracene	17.054	178	2527954	21.119	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	12.860	216	654196	20.383	ng/uL	100
76)	Pentachlorobenzene	14.413	250	659516	20.316	ng/uL	100
77)	Carbazole	17.336	167	2359728	21.990	ng/ul	100
78)	Di-n-butylphthalate	17.966	149	2624143	22.170	ng/ul	100
80)	Fluoranthene	19.054	202	2909961	20.601	ng/ul	100
82)	Pyrene	19.430	202	3076274	20.518	ng/ul	100
83)	Butylbenzylphthalate	20.436	149	899096	20.648	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.266	252	860666	19.863	ng/ul	100
85)	Benzo(a)anthracene	21.324	228	3230882	21.190	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.336	149	1571445	21.502	ng/ul	100
87)	Chrysene	21.389	228	2966540	20.871	ng/ul	100
89)	Di-n-octyl phthalate	22.560	149	2444352	19.179	ng/ul	100
90)	Benzo(b)fluoranthene	23.507	252	3177983	20.954	ng/ul	100
91)	Benzo(k)fluoranthene	23.566	252	3161784	20.902	ng/ul	100
93)	Benzo(a)pyrene	24.342	252	3010559	21.078	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.006	276	3802083m	20.988	ng/ul	
95)	Dibenzo(a,h)anthracene	28.118	278	3046849	20.924	ng/ul	100
96)	Benzo(g,h,i)perylene	29.101	276	3179290	21.349	ng/ul	100

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

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