Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091025\
Data File : BP025704.D
Acq On : 10 Sep 2025 09:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020680

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

Quant Time: Sep 10 11:21:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 09 09:26:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	145300	20.000	ng/ul	0.00
20) Naphthalene-d8	10.531	136	604918	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.372	164	417222	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.172	188	874394	20.000	ng/ul	0.00
79) Chrysene-d12	21.636	240	957371	20.000	ng/ul	0.02
88) Perylene-d12	24.995	264	1030494	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	28198	7.941	ng/uL	0.00
4) Pyridine-d5	3.690	84	199033	19.340	ng/ul	0.00
7) Phenol-d5	6.949	99	228662	19.483	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.096	67	146585	20.426	ng/ul	0.00
11) 2-Chlorophenol-d4	7.302	132	188836	20.656	ng/ul	0.00
15) 4-Methylphenol-d8	8.461	113	192844	19.844	ng/ul	0.00
21) Nitrobenzene-d5	8.902	128	94614	20.332	ng/ul	0.00
24) 2-Nitrophenol-d4	9.613	143	106757	20.184	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.160	165	193064	20.255	ng/ul	0.00
31) 4-Chloroaniline-d4	10.660	131	267578	20.036	ng/ul	0.00
46) Dimethylphthalate-d6	13.772	166	646312	20.491	ng/ul	-0.01
49) Acenaphthylene-d8	14.066	160	714741	20.636	ng/ul	0.00
54) 4-Nitrophenol-d4	14.596	143	102379	19.568	ng/ul	0.00
60) Fluorene-d10	15.378	176	539669	20.546	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.507	200	111136	18.668	ng/ul	-0.01
73) Anthracene-d10	17.278	188	858738	20.407	ng/ul	-0.01
81) Pyrene-d10	19.654	212	1059667	20.224	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.766	264	1076452	20.347	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	29747	7.925	ng/uL	98
5) Pyridine	3.708	79	211536	19.734	ng/ul	98
6) Benzaldehyde	6.914	77	138973	25.708	ng/ul	99
8) Phenol	6.972	94	237739	19.722	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.184	93	195385	20.538	ng/ul	97
12) 2-Chlorophenol	7.337	128	192410	20.616	ng/ul	97
13) 2-Methylphenol	8.202	108	182872	19.787	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.272	45	320514	21.251	ng/ul	99
16) Acetophenone	8.566	105	307307	20.441	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.549	70	166318	20.833	ng/ul	100
18) 4-Methylphenol	8.525	108	198783	19.844	ng/ul	99
19) Hexachloroethane	8.825	117	86294	20.627	ng/ul	93
22) Nitrobenzene	8.943	77	233963	20.772	ng/ul	100
23) Isophorone	9.466	82	471540	20.451	ng/ul	99
25) 2-Nitrophenol	9.649	139	108388	19.698	ng/ul	99
26) 2,4-Dimethylphenol	9.708	107	215718	19.125	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.937	93	274326	20.726	ng/ul	98
29) 2,4-Dichlorophenol	10.190	162	189835	20.483	ng/ul	95
30) Naphthalene	10.578	128	652962	20.643	ng/ul	99
32) 4-Chloroaniline	10.684	127	265722	19.963	ng/ul	100
33) Hexachlorobutadiene	10.860	225	135915	19.705	ng/ul	99
34) Caprolactam	11.478	113	74311m	19.574	ng/ul	
35) 4-Chloro-3-methylphenol	11.825	107	226305	20.758	ng/ul	98
36) 2-Methylnaphthalene	12.184	142	456232	20.194	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.402	142	456520	20.627	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.554	216	248476	20.026	ng/ul	98
40) Hexachlorocyclopentadiene	12.537	237	113377	17.976	ng/ul	98
41) 2,4,6-Trichlorophenol	12.802	196	163373	20.127	ng/ul	98
42) 2,4,5-Trichlorophenol	12.884	196	174352	19.602	ng/ul	99
43) 1,1'-Biphenyl	13.196	154	609397	20.834	ng/ul	98
44) 2-Chloronaphthalene	13.237	162	479107	20.808	ng/ul	99
45) 2-Nitroaniline	13.449	65	149622	20.479	ng/ul	97
47) Dimethylphthalate	13.825	163	637242	20.597	ng/ul	99
48) 2,6-Dinitrotoluene	13.943	165	126293	20.148	ng/ul	96
50) Acenaphthylene	14.090	152	798051	20.583	ng/ul	99
51) 3-Nitroaniline	14.278	138	118978	21.353	ng/ul	99
52) Acenaphthene	14.437	153	516511	20.731	ng/ul	98
53) 2,4-Dinitrophenol	14.501	184	63743	16.548	ng/ul	97
55) 4-Nitrophenol	14.607	109	81276	19.080	ng/ul	99
56) Dibenzofuran	14.778	168	743024	20.855	ng/ul	98
57) 2,4-Dinitrotoluene	14.748	165	189047	20.139	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.013	232	155663	19.956	ng/ul	98
59) Diethylphthalate	15.207	149	659338	20.726	ng/ul	98
61) Fluorene	15.437	166	598639	20.572	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.431	204	305702	20.520	ng/ul	98
63) 4-Nitroaniline	15.460	138	124017	22.573	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.519	198	117777	19.533	ng/ul	95
67) N-Nitrosodiphenylamine	15.648	169	536786	21.229	ng/ul	99
68) 4-Bromophenyl-phenylether	16.337	248	192654	20.669	ng/ul	97
69) Hexachlorobenzene	16.466	284	218256	20.425	ng/ul	100
70) Atrazine	16.619	200	217511	20.963	ng/ul	98
71) Pentachlorophenol	16.825	266	131005	19.164	ng/ul	97
72) Phenanthrene	17.219	178	990080	20.637	ng/ul	99
74) Anthracene	17.313	178	1020408	20.977	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.166	216	261421	20.285	ng/uL	95
76) Pentachlorobenzene	14.701	250	261819	20.813	ng/uL	98
77) Carbazole	17.601	167	906371	20.729	ng/ul	100
78) Di-n-butylphthalate	18.184	149	1173518	20.882	ng/ul	100
80) Fluoranthene	19.307	202	1218990	20.437	ng/ul	100
82) Pyrene	19.684	202	1276865	20.478	ng/ul	99
83) Butylbenzylphthalate	20.642	149	556729	20.042	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.525	252	426318	20.774	ng/ul	99
85) Benzo(a)anthracene	21.613	228	1303136	20.435	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.542	149	845862	20.722	ng/ul	98
87) Chrysene	21.678	228	1222336	20.368	ng/ul	99
89) Di-n-octyl phthalate	22.819	149	1446300	20.800	ng/ul	100
90) Benzo(b)fluoranthene	23.924	252	1266921	21.002	ng/ul	99
91) Benzo(k)fluoranthene	24.001	252	1286901	21.032	ng/ul	99
93) Benzo(a)pyrene	24.836	252	1182772	20.404	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.824	276	1470219	20.274	ng/ul	98
95) Dibenzo(a,h)anthracene	28.883	278	1195982m	20.355	ng/ul	
96) Benzo(g,h,i)perylene	29.995	276	1181177	20.091	ng/ul	99

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

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