Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060225\
Data File : BP024841.D
Acq On : 02 Jun 2025 14:45
Operator : RC/JU
Sample : SSTD01092
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010626

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

Quant Time: Jun 02 16:53:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 02 16:42:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	229827	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	974473	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	641365	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1250431	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	1353289	20.000	ng/ul	0.00
88) Perylene-d12	24.815	264	1549104	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	23428	4.105	ng/uL	0.00
4) Pyridine-d5	3.599	84	135790	8.578	ng/ul	0.00
7) Phenol-d5	6.869	99	160769	8.160	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	106859	9.698	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	146546	9.584	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	137847	8.760	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	74067	9.607	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	80585	9.820	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	135612	9.391	ng/ul	0.01
31) 4-Chloroaniline-d4	10.581	131	191141	8.679	ng/ul	0.01
46) Dimethylphthalate-d6	13.692	166	484370	10.462	ng/ul	-0.01
49) Acenaphthylene-d8	13.975	160	540675	10.167	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	70493	8.290	ng/ul	0.03
60) Fluorene-d10	15.292	176	390365	10.069	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	68854	8.640	ng/ul	0.00
73) Anthracene-d10	17.186	188	621655	10.355	ng/ul	0.00
81) Pyrene-d10	19.563	212	706783	10.498	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.574	264	785363	9.956	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	26853	4.463	ng/uL	94
5) Pyridine	3.617	79	142153	8.829	ng/ul	99
6) Benzaldehyde	6.816	77	99651	9.972	ng/ul	94
8) Phenol	6.893	94	169738	8.297	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.087	93	147319	9.402	ng/ul	99
12) 2-Chlorophenol	7.234	128	153115	9.641	ng/ul	98
13) 2-Methylphenol	8.116	108	139463	9.178	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	195753	11.301	ng/ul	98
16) Acetophenone	8.469	105	235936	9.632	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.446	70	125691	10.691	ng/ul	96
18) 4-Methylphenol	8.452	108	148559	8.873	ng/ul	99
19) Hexachloroethane	8.710	117	66786	10.309	ng/ul	98
22) Nitrobenzene	8.846	77	169691	9.749	ng/ul	97
23) Isophorone	9.363	82	355954	10.636	ng/ul	97
25) 2-Nitrophenol	9.552	139	87635	9.729	ng/ul	98
26) 2,4-Dimethylphenol	9.634	107	167342	10.269	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.846	93	202772	9.738	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	140035	9.460	ng/ul	100
30) Naphthalene	10.469	128	511351	9.880	ng/ul	99
32) 4-Chloroaniline	10.604	127	179376	8.557	ng/ul	99
33) Hexachlorobutadiene	10.746	225	98665	10.630	ng/ul	96
34) Caprolactam	11.393	113	53351m	9.323	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	160332	10.201	ng/ul	98
36) 2-Methylnaphthalene	12.093	142	359861	10.175	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	362301	10.338	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	185571	9.811	ng/ul	98
40) Hexachlorocyclopentadiene	12.434	237	65389	6.869	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	111886	9.379	ng/ul	100
42) 2,4,5-Trichlorophenol	12.828	196	110307	8.561	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	454499	9.513	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	350878	9.473	ng/ul	99
45) 2-Nitroaniline	13.381	65	101302	10.203	ng/ul	95
47) Dimethylphthalate	13.740	163	484390	10.509	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	93793	10.281	ng/ul	97
50) Acenaphthylene	14.004	152	559645	9.789	ng/ul	99
51) 3-Nitroaniline	14.228	138	83126	8.118	ng/ul	97
52) Acenaphthene	14.351	153	407030	10.040	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	34861m	6.216	ng/ul	
55) 4-Nitrophenol	14.616	109	42872	6.711	ng/ul	82
56) Dibenzofuran	14.692	168	552637	9.967	ng/ul	100
57) 2,4-Dinitrotoluene	14.681	165	140724	10.380	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.945	232	103629	9.655	ng/ul#	97
59) Diethylphthalate	15.122	149	499167	10.847	ng/ul	99
61) Fluorene	15.351	166	449083	9.912	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	221176	10.027	ng/ul	97
63) 4-Nitroaniline	15.410	138	70521	7.161	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	75978	8.829	ng/ul#	97
67) N-Nitrosodiphenylamine	15.569	169	380749	10.124	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	144044	10.562	ng/ul	99
69) Hexachlorobenzene	16.381	284	172532	10.378	ng/ul	95
70) Atrazine	16.545	200	149537	10.927	ng/ul	98
71) Pentachlorophenol	16.757	266	54215	5.528	ng/ul	94
72) Phenanthrene	17.128	178	705198	10.038	ng/ul	99
74) Anthracene	17.222	178	713732	10.085	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.081	216	191104	10.303	ng/uL	97
76) Pentachlorobenzene	14.616	250	192469	9.930	ng/uL	99
77) Carbazole	17.516	167	626763	9.760	ng/ul	99
78) Di-n-butylphthalate	18.086	149	850494	11.057	ng/ul	100
80) Fluoranthene	19.216	202	805824	10.281	ng/ul	100
82) Pyrene	19.592	202	882403	10.454	ng/ul	99
83) Butylbenzylphthalate	20.545	149	401864	11.438	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	286821	10.678	ng/ul	98
85) Benzo(a)anthracene	21.498	228	863428	9.907	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	580228	11.060	ng/ul	100
87) Chrysene	21.563	228	836117	10.217	ng/ul	99
89) Di-n-octyl phthalate	22.674	149	1021422	11.111	ng/ul	100
90) Benzo(b)fluoranthene	23.762	252	903962	10.033	ng/ul	99
91) Benzo(k)fluoranthene	23.827	252	898158	9.794	ng/ul	98
93) Benzo(a)pyrene	24.651	252	824654	9.688	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.527	276	1113394m	9.950	ng/ul	
95) Dibenzo(a,h)anthracene	28.603	278	878743m	9.747	ng/ul	
96) Benzo(g,h,i)perylene	29.692	276	862668	9.849	ng/ul	100

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

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