

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011425\
 Data File : BP023602.D
 Acq On : 14 Jan 2025 11:59
 Operator : RC/JU
 Sample : SSTD01068
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010601

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :mohammad ahmed 01/14/2025

Quant Time: Jan 14 13:56:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 14 13:36:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	568573	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	2355228	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	1476941	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	2909144	20.000	ng/u1	-0.01
79) Chrysene-d12	21.692	240	3017110	20.000	ng/u1	-0.02
88) Perylene-d12	25.121	264	3029017	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	54371	3.804	ng/uL	0.00
4) Pyridine-d5	3.717	84	376020	8.921	ng/u1	0.00
7) Phenol-d5	6.964	99	385763	8.488	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	265009	9.345	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	299644	9.130	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	293557	8.577	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	138420	9.153	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	68396	8.494	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	269059	9.063	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	499499	9.130	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	977385	9.903	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	1182103	9.366	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	114433	6.999	ng/u1	0.00
60) Fluorene-d10	15.440	176	861023	9.430	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	43815	5.774	ng/u1	-0.01
73) Anthracene-d10	17.328	188	1346171	9.381	ng/u1	-0.02
81) Pyrene-d10	19.698	212	1481680	9.446	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.892	264	1274500	8.564	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	56771	3.724	ng/uL	98
5) Pyridine	3.734	79	386472	9.085	ng/u1	99
6) Benzaldehyde	6.952	77	299243	11.604	ng/u1	98
8) Phenol	6.993	94	432128	8.770	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.228	93	373345	9.251	ng/u1	98
12) 2-Chlorophenol	7.375	128	333390	9.328	ng/u1	99
13) 2-Methylphenol	8.234	108	306368	8.584	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	395245	9.382	ng/u1	99
16) Acetophenone	8.616	105	589187	9.534	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	272524	9.415	ng/u1	99
18) 4-Methylphenol	8.552	108	345050	8.947	ng/u1	98
19) Hexachloroethane	8.887	117	139797	9.362	ng/u1	95
22) Nitrobenzene	8.987	77	365068	9.389	ng/u1	99
23) Isophorone	9.510	82	752675	9.377	ng/u1	98
25) 2-Nitrophenol	9.699	139	90488	8.485	ng/u1	95
26) 2,4-Dimethylphenol	9.758	107	346825	9.464	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.993	93	485277	9.503	ng/u1	99
29) 2,4-Dichlorophenol	10.222	162	292816	9.471	ng/u1	99
30) Naphthalene	10.634	128	1216141	9.494	ng/u1	99
32) 4-Chloroaniline	10.734	127	481582	9.226	ng/u1	98
33) Hexachlorobutadiene	10.934	225	212865	9.218	ng/u1	98
34) Caprolactam	11.475	113	98401m	8.426	ng/u1	
35) 4-Chloro-3-methylphenol	11.852	107	282184	9.066	ng/u1	99
36) 2-Methylnaphthalene	12.246	142	809194	9.397	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	808041	9.507	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	418642	9.117	ng/ul	99
40) Hexachlorocyclopentadiene	12.599	237	137241	7.650	ng/ul	98
41) 2,4,6-Trichlorophenol	12.846	196	180285	8.872	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	208225	9.121	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	1076797	9.446	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	830609	9.346	ng/ul	98
45) 2-Nitroaniline	13.493	65	124671	8.544	ng/ul	97
47) Dimethylphthalate	13.881	163	1003245	10.034	ng/ul	100
48) 2,6-Dinitrotoluene	13.993	165	124900	8.917	ng/ul	96
50) Acenaphthylene	14.151	152	1302623	9.534	ng/ul	100
51) 3-Nitroaniline	14.316	138	150902	7.949	ng/ul#	98
52) Acenaphthene	14.493	153	910980	9.476	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	29934	6.752	ng/ul	87
55) 4-Nitrophenol	14.616	109	111653	8.711	ng/ul	98
56) Dibenzofuran	14.834	168	1254223	9.602	ng/ul	98
57) 2,4-Dinitrotoluene	14.787	165	178990	8.547	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.063	232	152622	9.236	ng/ul	98
59) Diethylphthalate	15.269	149	944226	9.964	ng/ul	99
61) Fluorene	15.498	166	1053355	9.644	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	512333	9.491	ng/ul	99
63) 4-Nitroaniline	15.493	138	179872	9.081	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.557	198	52850	5.896	ng/ul#	99
67) N-Nitrosodiphenylamine	15.710	169	847052	9.369	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	291521	9.053	ng/ul	98
69) Hexachlorobenzene	16.516	284	365110	9.253	ng/ul	99
70) Atrazine	16.675	200	263483	8.518	ng/ul	99
71) Pentachlorophenol	16.863	266	119971	6.698	ng/ul	98
72) Phenanthrene	17.275	178	1597890	9.558	ng/ul	100
74) Anthracene	17.363	178	1627044	9.701	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	413118	8.945	ng/ul	100
76) Pentachlorobenzene	14.757	250	435160	9.100	ng/ul	99
77) Carbazole	17.639	167	1436472	9.904	ng/ul	100
78) Di-n-butylphthalate	18.251	149	1322558	9.907	ng/ul	99
80) Fluoranthene	19.357	202	1734769	9.748	ng/ul	99
82) Pyrene	19.728	202	1927105	9.841	ng/ul	100
83) Butylbenzylphthalate	20.692	149	288306	7.266	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.586	252	358850	7.454	ng/ul	99
85) Benzo(a)anthracene	21.669	228	1849637	9.609	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.645	149	544815	8.051	ng/ul	99
87) Chrysene	21.739	228	1739330	9.455	ng/ul	99
89) Di-n-octyl phthalate	22.969	149	606513	5.674	ng/ul	100
90) Benzo(b)fluoranthene	24.039	252	1533141	8.937	ng/ul	100
91) Benzo(k)fluoranthene	24.104	252	1715192	8.899	ng/ul	99
93) Benzo(a)pyrene	24.957	252	1511895	8.920	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.027	276	1660986	8.268	ng/ul	99
95) Dibenzo(a,h)anthracene	29.109	278	1357991	8.327	ng/ul	98
96) Benzo(g,h,i)perylene	30.221	276	1322949	8.481	ng/ul	99

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

