

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
 Data File : BP023661.D
 Acq On : 20 Jan 2025 19:15
 Operator : RC/JU
 Sample : PB166120BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS120

Quant Time: Jan 20 22:39:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 20 21:50:54 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/22/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	752305	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	3112577	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	1975775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	4058586	20.000	ng/u1	-0.01
79) Chrysene-d12	21.657	240	4278655	20.000	ng/u1	0.00
88) Perylene-d12	25.057	264	4304516	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	111833	5.481	ng/uL	0.01
4) Pyridine-d5	3.728	84	1876699	32.994	ng/u1	0.01
7) Phenol-d5	6.969	99	2337073	36.084	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	1226314	32.321	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	1886345	36.879	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	1816264	36.154	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	831095	34.983	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	793948	50.914	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	1745035	36.790	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	2160400	28.530	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	4867212	31.654	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	5630890	30.783	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	1018881	39.864	ng/u1	0.00
60) Fluorene-d10	15.434	176	4224805	31.747	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	648463	49.105	ng/u1	0.00
73) Anthracene-d10	17.322	188	6663017	30.413	ng/u1	0.00
81) Pyrene-d10	19.680	212	7886438	33.272	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.816	264	8010190	34.242	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	226817	10.505	ng/uL	94
5) Pyridine	3.746	79	1866003	32.526	ng/u1	98
6) Benzaldehyde	6.952	77	177843m	5.082	ng/u1	
8) Phenol	6.999	94	2431514	35.220	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.234	93	1784618	32.678	ng/u1	97
12) 2-Chlorophenol	7.375	128	1917026	35.012	ng/u1	99
13) 2-Methylphenol	8.234	108	1757700	34.881	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	1824303	32.247	ng/u1	100
16) Acetophenone	8.616	105	2625517	30.510	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.610	70	1260384	30.132	ng/u1	97
18) 4-Methylphenol	8.563	108	1930638	34.855	ng/u1	99
19) Hexachloroethane	8.887	117	711688	32.384	ng/u1	98
22) Nitrobenzene	8.993	77	1853605	32.059	ng/u1	97
23) Isophorone	9.522	82	3595481	30.617	ng/u1	99
25) 2-Nitrophenol	9.699	139	908719	44.431	ng/u1	99
26) 2,4-Dimethylphenol	9.757	107	1869768	33.045	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.993	93	2234309	30.319	ng/u1	99
29) 2,4-Dichlorophenol	10.228	162	1720447	35.036	ng/u1	99
30) Naphthalene	10.634	128	5605537	30.403	ng/u1	99
32) 4-Chloroaniline	10.734	127	1145005	15.801	ng/u1	100
33) Hexachlorobutadiene	10.928	225	999939	30.714	ng/u1	99
34) Caprolactam	11.499	113	581317m	32.410	ng/u1	
35) 4-Chloro-3-methylphenol	11.857	107	1815985	36.286	ng/u1	99
36) 2-Methylnaphthalene	12.246	142	3796858	30.467	ng/u1	100

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37) 1-Methylnaphthalene	12.463	142	3810344	30.784	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	1940743	29.769	ng/ul	99
40) Hexachlorocyclopentadiene	12.599	237	858678	34.120	ng/ul	99
41) 2,4,6-Trichlorophenol	12.846	196	1285290	37.873	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	1435159	38.026	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	4893210	29.928	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	3804630	29.873	ng/ul	99
45) 2-Nitroaniline	13.487	65	992537	39.399	ng/ul	92
47) Dimethylphthalate	13.881	163	4845392	31.367	ng/ul	100
48) 2,6-Dinitrotoluene	13.993	165	950340	40.047	ng/ul	89
50) Acenaphthylene	14.145	152	5953253	30.036	ng/ul	100
51) 3-Nitroaniline	14.316	138	905663	32.430	ng/ul#	95
52) Acenaphthene	14.493	153	4219832	30.393	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	395029	52.601	ng/ul	93
55) 4-Nitrophenol	14.628	109	740752	37.338	ng/ul	96
56) Dibenzofuran	14.834	168	5698282	30.150	ng/ul	99
57) 2,4-Dinitrotoluene	14.781	165	1470695	41.018	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.057	232	1166567	39.537	ng/ul	98
59) Diethylphthalate	15.269	149	4948681	32.494	ng/ul	98
61) Fluorene	15.487	166	4918066	30.992	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.487	204	2393180	30.863	ng/ul	99
63) 4-Nitroaniline	15.498	138	1254530	42.762	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.563	198	728101	46.329	ng/ul	96
67) N-Nitrosodiphenylamine	15.698	169	4129595	30.388	ng/ul	98
68) 4-Bromophenyl-phenylether	16.398	248	1501656	31.039	ng/ul	100
69) Hexachlorobenzene	16.510	284	1771720	29.868	ng/ul	97
70) Atrazine	16.675	200	1458319	30.912	ng/ul	100
71) Pentachlorophenol	16.857	266	1123052	38.829	ng/ul	98
72) Phenanthrene	17.257	178	7637738	30.016	ng/ul	99
74) Anthracene	17.357	178	7651044	29.967	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	1902035	28.636	ng/ul	98
76) Pentachlorobenzene	14.751	250	1963609	27.907	ng/ul	99
77) Carbazole	17.628	167	7346268	34.644	ng/ul	99
78) Di-n-butylphthalate	18.233	149	8741199	35.495	ng/ul	99
80) Fluoranthene	19.333	202	9167554	33.812	ng/ul	99
82) Pyrene	19.710	202	9576767	32.418	ng/ul	98
83) Butylbenzylphthalate	20.663	149	3851887	49.632	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.551	252	2272989	31.316	ng/ul	99
85) Benzo(a)anthracene	21.633	228	9629632	31.656	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.586	149	5814728	43.917	ng/ul	98
87) Chrysene	21.704	228	8920717	31.493	ng/ul	99
89) Di-n-octyl phthalate	22.898	149	8943104	49.360	ng/ul	100
90) Benzo(b)fluoranthene	23.980	252	9173209	33.919	ng/ul	99
91) Benzo(k)fluoranthene	24.051	252	9431681	31.825	ng/ul	100
93) Benzo(a)pyrene	24.892	252	8616998	32.388	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.915	276	10797553m	34.110	ng/ul	
95) Dibenzo(a,h)anthracene	29.004	278	8823222	34.392	ng/ul	99
96) Benzo(g,h,i)perylene	30.109	276	8169989m	32.900	ng/ul	

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

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