

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
 Data File : BP023994.D
 Acq On : 07 Feb 2025 07:33
 Operator : RC/JU
 Sample : PB166547BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS547

Quant Time: Feb 07 08:16:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :Sohil Jodhani 02/10/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	434843	20.000	ng/u1	0.00
20) Naphthalene-d8	10.540	136	1872533	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.387	164	1177773	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	2325415	20.000	ng/u1	0.00
79) Chrysene-d12	21.628	240	2336825	20.000	ng/u1	-0.01
88) Perylene-d12	24.992	264	2361681	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	79820	7.627	ng/uL	0.00
4) Pyridine-d5	3.699	84	1220192	40.404	ng/u1	0.00
7) Phenol-d5	6.952	99	1678853	43.627	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	832155	40.854	ng/u1	0.00
11) 2-Chlorophenol-d4	7.311	132	1338500	44.293	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	1308243	41.616	ng/u1	0.00
21) Nitrobenzene-d5	8.911	128	625195	41.731	ng/u1	0.00
24) 2-Nitrophenol-d4	9.628	143	687920	42.555	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	1286846	43.393	ng/u1	0.00
31) 4-Chloroaniline-d4	10.669	131	1482566	33.429	ng/u1	0.00
46) Dimethylphthalate-d6	13.799	166	3485916	39.680	ng/u1	0.00
49) Acenaphthylene-d8	14.081	160	4147915	41.863	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	694991	39.835	ng/u1	0.00
60) Fluorene-d10	15.393	176	3064107	41.418	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	497634	34.688	ng/u1	0.00
73) Anthracene-d10	17.287	188	4726789	41.398	ng/u1	0.00
81) Pyrene-d10	19.663	212	5396318	43.098	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	5388364	43.729	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	164567	14.952	ng/uL	99
5) Pyridine	3.717	79	1214353	40.164	ng/u1	99
6) Benzaldehyde	6.917	77	218151	11.550	ng/u1	98
8) Phenol	6.981	94	1732070	43.834	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.193	93	1219634	40.547	ng/u1	99
12) 2-Chlorophenol	7.346	128	1365787	43.870	ng/u1	99
13) 2-Methylphenol	8.211	108	1252713	42.134	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.281	45	1245621	40.139	ng/u1	99
16) Acetophenone	8.581	105	1966368	40.918	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.569	70	909185	40.177	ng/u1	99
18) 4-Methylphenol	8.534	108	1395018	42.289	ng/u1	98
19) Hexachloroethane	8.840	117	496230	40.310	ng/u1	100
22) Nitrobenzene	8.952	77	1366642	42.035	ng/u1	98
23) Isophorone	9.481	82	2570730	39.161	ng/u1	100
25) 2-Nitrophenol	9.658	139	745636	42.288	ng/u1	99
26) 2,4-Dimethylphenol	9.722	107	1181023	36.189	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.952	93	1618767	39.588	ng/u1	99
29) 2,4-Dichlorophenol	10.199	162	1287677	42.818	ng/u1	99
30) Naphthalene	10.587	128	4070818	40.614	ng/u1	100
32) 4-Chloroaniline	10.693	127	1042155	24.900	ng/u1	100
33) Hexachlorobutadiene	10.875	225	723480	39.738	ng/u1	100
34) Caprolactam	11.487	113	420678	36.107	ng/u1	100
35) 4-Chloro-3-methylphenol	11.834	107	1336689	41.348	ng/u1	99
36) 2-Methylnaphthalene	12.199	142	2791259	39.606	ng/u1	99

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37) 1-Methylnaphthalene	12.416	142	2804067	40.107	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.569	216	1462449	42.002	ng/ul	99
40) Hexachlorocyclopentadiene	12.552	237	527721	26.897	ng/ul	99
41) 2,4,6-Trichlorophenol	12.816	196	943590	40.571	ng/ul	98
42) 2,4,5-Trichlorophenol	12.899	196	1044527	41.667	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	3602636	41.208	ng/ul	100
44) 2-Chloronaphthalene	13.257	162	2846358	41.784	ng/ul	100
45) 2-Nitroaniline	13.457	65	763107	43.042	ng/ul	94
47) Dimethylphthalate	13.846	163	3495497	39.990	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	720383	42.172	ng/ul	99
50) Acenaphthylene	14.110	152	4415874	41.850	ng/ul	99
51) 3-Nitroaniline	14.287	138	800868	42.660	ng/ul	99
52) Acenaphthene	14.451	153	3082449	41.203	ng/ul	99
53) 2,4-Dinitrophenol	14.499	184	275480	27.051	ng/ul	99
55) 4-Nitrophenol	14.622	109	511198	41.416	ng/ul	97
56) Dibenzofuran	14.793	168	4281848	41.305	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	1063668	41.863	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.028	232	825634	38.704	ng/ul	94
59) Diethylphthalate	15.222	149	3461513	39.527	ng/ul	99
61) Fluorene	15.451	166	3587900	41.721	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.446	204	1753575	41.192	ng/ul	98
63) 4-Nitroaniline	15.475	138	897193	49.121	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.528	198	545063	34.558	ng/ul	100
67) N-Nitrosodiphenylamine	15.663	169	2947278	41.528	ng/ul	100
68) 4-Bromophenyl-phenylether	16.363	248	1063152	40.523	ng/ul	97
69) Hexachlorobenzene	16.475	284	1287613	40.506	ng/ul	99
70) Atrazine	16.640	200	400808	14.584	ng/ul	99
71) Pentachlorophenol	16.828	266	691382	35.360	ng/ul	100
72) Phenanthrene	17.228	178	5472779	41.674	ng/ul	99
74) Anthracene	17.328	178	5476919	41.356	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	1409510	41.393	ng/ul	99
76) Pentachlorobenzene	14.710	250	1437787	39.181	ng/ul	100
77) Carbazole	17.598	167	5097986	43.940	ng/ul	99
78) Di-n-butylphthalate	18.187	149	5872676	40.896	ng/ul	99
80) Fluoranthene	19.316	202	6199323	42.983	ng/ul	99
82) Pyrene	19.686	202	6676313	44.266	ng/ul	98
83) Butylbenzylphthalate	20.639	149	2662312	40.990	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.528	252	1888551	37.354	ng/ul	99
85) Benzo(a)anthracene	21.610	228	6388096	41.572	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	3695243	38.993	ng/ul	99
87) Chrysene	21.675	228	6007251	42.427	ng/ul	98
89) Di-n-octyl phthalate	22.851	149	6034555	42.626	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	6177787	43.110	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	6354973	44.236	ng/ul	100
93) Benzo(a)pyrene	24.845	252	5803052	43.363	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.845	276	7216935	41.605	ng/ul	98
95) Dibenzo(a,h)anthracene	28.904	278	5982363m	42.515	ng/ul	
96) Benzo(g,h,i)perylene	30.021	276	5432581m	40.887	ng/ul	

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

