

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023762.D
 Acq On : 28 Jan 2025 06:04
 Operator : RC/JU
 Sample : PB166254BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS254

Quant Time: Jan 28 06:29:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 27 21:53:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	576414	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2438605	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	1599249	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.234	188	3239798	20.000	ng/u1	0.02
79) Chrysene-d12	21.686	240	3464101	20.000	ng/u1	0.01
88) Perylene-d12	25.098	264	3793138	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	92308	6.450	ng/uL	0.00
4) Pyridine-d5	3.711	84	1235064	29.906	ng/u1	0.00
7) Phenol-d5	6.981	99	1663927	34.115	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	857290	31.118	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	1334274	35.984	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	1334771	34.802	ng/u1	0.03
21) Nitrobenzene-d5	8.934	128	653657	35.577	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	729953	43.335	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	1332960	37.648	ng/u1	0.02
31) 4-Chloroaniline-d4	10.705	131	1736104	30.661	ng/u1	0.01
46) Dimethylphthalate-d6	13.822	166	4012362	34.886	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	4559242	34.251	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	792868	34.309	ng/u1	0.06
60) Fluorene-d10	15.434	176	3385292	34.385	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.546	200	677081	42.439	ng/u1	0.02
73) Anthracene-d10	17.334	188	5232448	33.641	ng/u1	0.01
81) Pyrene-d10	19.704	212	6306714	35.779	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.857	264	6867419	36.171	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	176079	11.631	ng/uL	97
5) Pyridine	3.728	79	1204891	28.859	ng/u1	96
6) Benzaldehyde	6.940	77	589021	24.030	ng/u1	95
8) Phenol	7.005	94	1658721	32.501	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.217	93	1257087	31.662	ng/u1	99
12) 2-Chlorophenol	7.369	128	1339297	34.072	ng/u1	98
13) 2-Methylphenol	8.240	108	1237348	33.410	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.305	45	1293169	31.402	ng/u1	100
16) Acetophenone	8.605	105	1997643	32.432	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	954666	33.501	ng/u1	97
18) 4-Methylphenol	8.564	108	1382751	33.580	ng/u1	98
19) Hexachloroethane	8.864	117	517834	32.234	ng/u1	97
22) Nitrobenzene	8.975	77	1372908	31.983	ng/u1	95
23) Isophorone	9.505	82	2784186	34.100	ng/u1	98
25) 2-Nitrophenol	9.687	139	774197	39.148	ng/u1	93
26) 2,4-Dimethylphenol	9.758	107	1143962	27.910	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.981	93	1709726	32.316	ng/u1	99
29) 2,4-Dichlorophenol	10.228	162	1292520	35.311	ng/u1	100
30) Naphthalene	10.622	128	4222498	32.175	ng/u1	99
32) 4-Chloroaniline	10.728	127	1318841	24.397	ng/u1	99
33) Hexachlorobutadiene	10.910	225	750302	32.564	ng/u1	99
34) Caprolactam	11.516	113	477479	35.561	ng/u1	96
35) 4-Chloro-3-methylphenol	11.875	107	1412934	37.263	ng/u1	96
36) 2-Methylnaphthalene	12.228	142	2966316	33.472	ng/u1	100

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37) 1-Methylnaphthalene	12.452	142	2967066	33.493	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.599	216	1567592	33.000	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	724736	29.943	ng/ul	99
41) 2,4,6-Trichlorophenol	12.846	196	975271	34.921	ng/ul	98
42) 2,4,5-Trichlorophenol	12.934	196	1091753	35.392	ng/ul	100
43) 1,1'-Biphenyl	13.246	154	3853577	32.025	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	3005247	32.078	ng/ul	100
45) 2-Nitroaniline	13.493	65	826044	37.127	ng/ul	93
47) Dimethylphthalate	13.875	163	3875610	33.566	ng/ul	100
48) 2,6-Dinitrotoluene	13.993	165	804919	39.084	ng/ul	95
50) Acenaphthylene	14.146	152	4818966	33.390	ng/ul	100
51) 3-Nitroaniline	14.322	138	876041	36.450	ng/ul	97
52) Acenaphthene	14.487	153	3281923	32.162	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	425186	42.054	ng/ul	93
55) 4-Nitrophenol	14.669	109	551658	32.528	ng/ul	95
56) Dibenzofuran	14.828	168	4601932	32.788	ng/ul	98
57) 2,4-Dinitrotoluene	14.787	165	1212607	39.356	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.063	232	856106	33.793	ng/ul	99
59) Diethylphthalate	15.263	149	3972310	34.979	ng/ul	99
61) Fluorene	15.493	166	3815798	32.624	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	1871281	32.687	ng/ul	100
63) 4-Nitroaniline	15.504	138	981340	40.131	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.563	198	721445	40.208	ng/ul#	95
67) N-Nitrosodiphenylamine	15.704	169	3245494	33.354	ng/ul	100
68) 4-Bromophenyl-phenylether	16.398	248	1224023	35.288	ng/ul	98
69) Hexachlorobenzene	16.510	284	1455937	34.493	ng/ul	98
70) Atrazine	16.687	200	425568	11.857	ng/ul	99
71) Pentachlorophenol	16.875	266	707167	27.735	ng/ul	97
72) Phenanthrene	17.275	178	6083356	33.234	ng/ul	100
74) Anthracene	17.363	178	5936078	32.648	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	1536899	32.698	ng/ul	99
76) Pentachlorobenzene	14.746	250	1579910	31.643	ng/ul	99
77) Carbazole	17.651	167	5824084	36.469	ng/ul	100
78) Di-n-butylphthalate	18.251	149	7010200	38.576	ng/ul	99
80) Fluoranthene	19.357	202	7146047	35.654	ng/ul	99
82) Pyrene	19.728	202	7475928	34.343	ng/ul	98
83) Butylbenzylphthalate	20.686	149	3267010	41.614	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.586	252	2483104	40.616	ng/ul	99
85) Benzo(a)anthracene	21.663	228	7509110	34.193	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.622	149	4719139	40.309	ng/ul#	97
87) Chrysene	21.733	228	7099712	34.532	ng/ul	99
89) Di-n-octyl phthalate	22.933	149	7967268	41.900	ng/ul	100
90) Benzo(b)fluoranthene	24.016	252	7823749	34.721	ng/ul	99
91) Benzo(k)fluoranthene	24.086	252	7779470	33.490	ng/ul	99
93) Benzo(a)pyrene	24.933	252	7010034	33.054	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.980	276	9423026m	35.749	ng/ul	
95) Dibenzo(a,h)anthracene	29.062	278	7738402	36.138	ng/ul	99
96) Benzo(g,h,i)perylene	30.192	276	7380452m	36.398	ng/ul	

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

