

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023882.D
 Acq On : 03 Feb 2025 16:35
 Operator : RC/JU
 Sample : Q1247-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A6335MSD

Quant Time: Feb 04 07:39:33 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 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	352358	20.000	ng/u1	0.00
20) Naphthalene-d8	10.552	136	1490231	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	915268	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1753922	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1841379	20.000	ng/u1	-0.01
88) Perylene-d12	25.004	264	1836178	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	22199	2.618	ng/uL	0.00
4) Pyridine-d5	3.711	84	149170	6.096	ng/u1	0.00
7) Phenol-d5	6.958	99	284535	9.125	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	482401	29.227	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	674484	27.545	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	509558	20.004	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	337373	28.296	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	356171	27.685	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	730833	30.966	ng/u1	0.01
31) 4-Chloroaniline-d4	10.681	131	475352	13.468	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	2096580	30.710	ng/u1	0.00
49) Acenaphthylene-d8	14.081	160	2372656	30.814	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	135211	9.973	ng/u1	0.00
60) Fluorene-d10	15.398	176	1790539	31.144	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	312686	28.898	ng/u1	0.00
73) Anthracene-d10	17.286	188	2744440	31.869	ng/u1	0.00
81) Pyrene-d10	19.657	212	3255797	32.999	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	3109862	32.461	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	50884	5.705	ng/uL	95
5) Pyridine	3.728	79	171028	6.981	ng/u1	94
6) Benzaldehyde	6.928	77	371808	24.294	ng/u1	98
8) Phenol	6.987	94	423004	13.211	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.199	93	708080	29.051	ng/u1	97
12) 2-Chlorophenol	7.352	128	724237	28.709	ng/u1	99
13) 2-Methylphenol	8.216	108	579021	24.034	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.287	45	714262	28.404	ng/u1	100
16) Acetophenone	8.587	105	1159559	29.778	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.569	70	545955	29.773	ng/u1	97
18) 4-Methylphenol	8.540	108	583117	21.815	ng/u1	99
19) Hexachloroethane	8.846	117	215701	21.624	ng/u1	97
22) Nitrobenzene	8.963	77	798010	30.842	ng/u1	98
23) Isophorone	9.487	82	1556534	29.794	ng/u1	98
25) 2-Nitrophenol	9.669	139	408570	29.116	ng/u1	98
26) 2,4-Dimethylphenol	9.734	107	759611	29.247	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.963	93	964370	29.634	ng/u1	99
29) 2,4-Dichlorophenol	10.204	162	754464	31.523	ng/u1	98
30) Naphthalene	10.599	128	2274380	28.512	ng/u1	100
32) 4-Chloroaniline	10.704	127	358291	10.756	ng/u1	99
33) Hexachlorobutadiene	10.887	225	358530	24.745	ng/u1	98
34) Caprolactam	11.481	113	40158m	4.331	ng/u1	
35) 4-Chloro-3-methylphenol	11.834	107	803201	31.220	ng/u1	100
36) 2-Methylnaphthalene	12.204	142	1621240	28.906	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.422	142	1649844	29.652	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.575	216	837608	30.956	ng/ul	100
40) Hexachlorocyclopentadiene	12.557	237	291681	19.130	ng/ul	99
41) 2,4,6-Trichlorophenol	12.816	196	576258	31.883	ng/ul	99
42) 2,4,5-Trichlorophenol	12.893	196	659792	33.868	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	2153924	31.703	ng/ul	100
44) 2-Chloronaphthalene	13.257	162	1690452	31.933	ng/ul	100
45) 2-Nitroaniline	13.457	65	479063	34.771	ng/ul	92
47) Dimethylphthalate	13.845	163	2163976	31.857	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	419185	31.578	ng/ul	95
50) Acenaphthylene	14.110	152	2654513	32.372	ng/ul	99
51) 3-Nitroaniline	14.293	138	416445	28.545	ng/ul	98
52) Acenaphthene	14.457	153	1880502	32.346	ng/ul	98
53) 2,4-Dinitrophenol	14.492	184	203259	25.683	ng/ul	93
55) 4-Nitrophenol	14.622	109	114855	11.974	ng/ul	95
56) Dibenzofuran	14.792	168	2599656	32.270	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	636313	32.226	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.028	232	522314	31.508	ng/ul	94
59) Diethylphthalate	15.228	149	2158377	31.715	ng/ul	100
61) Fluorene	15.451	166	2227221	33.327	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	1070397	32.356	ng/ul	98
63) 4-Nitroaniline	15.463	138	543867	38.317	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.528	198	356645	29.980	ng/ul	100
67) N-Nitrosodiphenylamine	15.663	169	1699702	31.753	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	646294	32.661	ng/ul	98
69) Hexachlorobenzene	16.475	284	775069	32.327	ng/ul	95
70) Atrazine	16.639	200	564067	27.212	ng/ul	98
71) Pentachlorophenol	16.834	266	468414	31.762	ng/ul	99
72) Phenanthrene	17.228	178	3438584	34.716	ng/ul	100
74) Anthracene	17.322	178	3366645	33.704	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.181	216	829333	32.290	ng/uL	99
76) Pentachlorobenzene	14.716	250	877910	31.719	ng/uL	99
77) Carbazole	17.598	167	3262313	37.280	ng/ul	100
78) Di-n-butylphthalate	18.192	149	3715983	34.309	ng/ul	100
80) Fluoranthene	19.310	202	3950561	34.762	ng/ul	99
82) Pyrene	19.686	202	4239704	35.674	ng/ul	100
83) Butylbenzylphthalate	20.639	149	1633476	31.917	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.527	252	246899	6.197	ng/ul	100
85) Benzo(a)anthracene	21.610	228	4100284	33.863	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.557	149	2314137	30.990	ng/ul	99
87) Chrysene	21.674	228	3942500	35.336	ng/ul	99
89) Di-n-octyl phthalate	22.851	149	3834695	34.839	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	3953189	35.482	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	4109737	36.795	ng/ul	99
93) Benzo(a)pyrene	24.845	252	3654297	35.122	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.839	276	4691756	34.788	ng/ul	99
95) Dibenzo(a,h)anthracene	28.927	278	3909728	35.737	ng/ul	100
96) Benzo(g,h,i)perylene	30.039	276	3590880	34.761	ng/ul	99

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

