

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013070.D
 Acq On : 11 Dec 2022 08:55
 Operator : CG/JU
 Sample : N5927-17MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXZA2MSD

Quant Time: Dec 12 03:33:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 01:32:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
 Supervised By :mohammad ahmed 12/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	678783	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2912239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	1908825	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	4316746	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	3645404	20.000	ng/u1	0.00
88) Perylene-d12	23.939	264	3385837	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	76518	4.820	ng/uL	0.00
4) Pyridine-d5	3.781	84	439449	9.744	ng/u1	0.00
7) Phenol-d5	7.128	99	488865	8.842	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	1410450	42.290	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	1456203	33.458	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	930612	20.542	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	995179	46.510	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	1093210	45.382	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	1906147	40.739	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	2024450	30.648	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	6386066	43.531	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	7041374	43.681	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	250984	9.511	ng/u1	0.00
60) Fluorene-d10	15.604	176	5431174	43.761	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	1215976	43.773	ng/u1	0.00
73) Anthracene-d10	17.469	188	8555618	43.932	ng/u1	0.00
81) Pyrene-d10	19.698	212	9923494	47.425	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	7872282	46.647	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	106625	6.434	ng/uL	98
5) Pyridine	3.799	79	552786	12.333	ng/u1	98
6) Benzaldehyde	7.105	77	1254698	57.956	ng/u1	98
8) Phenol	7.152	94	562616	10.064	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.387	93	1969909	42.934	ng/u1	98
12) 2-Chlorophenol	7.528	128	1529331	34.265	ng/u1	97
13) 2-Methylphenol	8.410	108	1130229	25.933	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.504	45	2867405	45.543	ng/u1	99
16) Acetophenone	8.799	105	3039855	43.763	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.787	70	1528445	43.758	ng/u1	98
18) 4-Methylphenol	8.746	108	1065297	22.068	ng/u1	99
19) Hexachloroethane	9.057	117	654498	36.696	ng/u1	100
22) Nitrobenzene	9.181	77	2285324	45.516	ng/u1	99
23) Isophorone	9.710	82	4499084	44.315	ng/u1	99
25) 2-Nitrophenol	9.893	139	1175667	45.043	ng/u1	98
26) 2,4-Dimethylphenol	9.951	107	1513418	29.718	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.193	93	2748990	42.346	ng/u1	99
29) 2,4-Dichlorophenol	10.428	162	1905274	41.569	ng/u1	99
30) Naphthalene	10.834	128	6353316	41.714	ng/u1	100
32) 4-Chloroaniline	10.945	127	1822171	27.877	ng/u1	100
33) Hexachlorobutadiene	11.116	225	1276240	40.555	ng/u1	99
34) Caprolactam	11.751	113	74781m	4.785	ng/u1	
35) 4-Chloro-3-methylphenol	12.057	107	1802222	38.530	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	4570749	43.745	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	4564867	42.482	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	2733988	44.481	ng/u1	98
40) Hexachlorocyclopentadiene	12.781	237	998895	24.974	ng/u1	99
41) 2,4,6-Trichlorophenol	13.040	196	1751657	44.344	ng/u1	100
42) 2,4,5-Trichlorophenol	13.110	196	1934199	45.585	ng/u1	99
43) 1,1'-Biphenyl	13.445	154	6101467	42.561	ng/u1	99
44) 2-Chloronaphthalene	13.487	162	4912273	43.537	ng/u1	99
45) 2-Nitroaniline	13.692	65	1453054	53.117	ng/u1	98
47) Dimethylphthalate	14.069	163	6392308	43.963	ng/u1	100
48) 2,6-Dinitrotoluene	14.192	165	1402601	51.906	ng/u1	94
50) Acenaphthylene	14.334	152	7459030	43.040	ng/u1	99
51) 3-Nitroaniline	14.516	138	1227817	48.121	ng/u1	99
52) Acenaphthene	14.675	153	5250633	43.720	ng/u1	99
53) 2,4-Dinitrophenol	14.722	184	825447	44.690	ng/u1	98
55) 4-Nitrophenol	14.816	109	189893	10.546	ng/u1	99
56) Dibenzofuran	15.010	168	7461401	43.698	ng/u1	100
57) 2,4-Dinitrotoluene	14.975	165	2008827	51.179	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.233	232	1701412	43.940	ng/u1	96
59) Diethylphthalate	15.428	149	6464564	45.736	ng/u1	99
61) Fluorene	15.663	166	5889751	43.010	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.651	204	3170829	43.785	ng/u1	99
63) 4-Nitroaniline	15.686	138	1368151	60.936	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.739	198	1205223	44.397	ng/u1	100
67) N-Nitrosodiphenylamine	15.869	169	5300041	44.286	ng/u1	100
68) 4-Bromophenyl-phenylether	16.545	248	2167121	46.228	ng/u1	99
69) Hexachlorobenzene	16.669	284	2540457	45.640	ng/u1	98
70) Atrazine	16.822	200	1246276	26.723	ng/u1	99
71) Pentachlorophenol	17.010	266	1403020	41.621	ng/u1	100
72) Phenanthrene	17.410	178	10047497	44.687	ng/u1	99
74) Anthracene	17.504	178	9909556	44.140	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	2771755	45.005	ng/uL	99
76) Pentachlorobenzene	14.928	250	2776301	44.214	ng/uL	99
77) Carbazole	17.769	167	9155115	48.422	ng/u1	99
78) Di-n-butylphthalate	18.310	149	10903343	47.364	ng/u1	97
80) Fluoranthene	19.369	202	11680702	49.184	ng/u1	98
82) Pyrene	19.727	202	11631922	47.481	ng/u1	99
83) Butylbenzylphthalate	20.586	149	5036741	53.219	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.363	252	3241060	39.356	ng/u1	100
85) Benzo(a)anthracene	21.439	228	11282013	46.620	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	7175766	53.750	ng/u1	97
87) Chrysene	21.492	228	10527004	45.999	ng/u1	98
89) Di-n-octyl phthalate	22.298	149	12089950	63.737	ng/u1	100
90) Benzo(b)fluoranthene	23.180	252	10484146	48.559	ng/u1	99
91) Benzo(k)fluoranthene	23.233	252	10171142	47.508	ng/u1	99
93) Benzo(a)pyrene	23.833	252	8792545	46.770	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.551	276	10088689	43.083	ng/u1	99
95) Dibenzo(a,h)anthracene	26.568	278	8952423	46.174	ng/u1	99
96) Benzo(g,h,i)perylene	27.351	276	8496989	45.198	ng/u1	100

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

