

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017115.D
 Acq On : 12 Sep 2023 13:04
 Operator : MA/JU
 Sample : SST01050
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST010611

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 23:03:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 22:45:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	09/13/2023 Supervised By :mohammad ahmed
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	192115	20.000	ng/u1	0.00	
20) Naphthalene-d8	10.781	136	839530	20.000	ng/u1	0.00	
38) Acenaphthene-d10	14.616	164	538807	20.000	ng/u1	0.00	09/13/2023
64) Phenanthrene-d10	17.386	188	1219632	20.000	ng/u1	0.00	
79) Chrysene-d12	21.486	240	1217587	20.000	ng/u1	0.00	
88) Perylene-d12	24.015	264	1335610	20.000	ng/u1	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.311	96	17420	3.810	ng/uL	0.00	
4) Pyridine-d5	3.752	84	123697	9.458	ng/u1	0.00	
7) Phenol-d5	7.105	99	140527	8.996	ng/u1	0.00	
9) Bis-(2-Chloroethyl)eth...	7.299	67	96539	9.887	ng/u1	0.00	
11) 2-Chlorophenol-d4	7.475	132	116779	9.371	ng/u1	0.00	
15) 4-Methylphenol-d8	8.663	113	114284	8.827	ng/u1	0.00	
21) Nitrobenzene-d5	9.152	128	52698	8.964	ng/u1	0.00	
24) 2-Nitrophenol-d4	9.869	143	53007	8.446	ng/u1	0.00	
28) 2,4-Dichlorophenol-d3	10.393	165	111750	9.207	ng/u1	0.00	
31) 4-Chloroaniline-d4	10.946	131	170742	9.333	ng/u1	0.00	
46) Dimethylphthalate-d6	14.028	166	366615	9.562	ng/u1	0.00	
49) Acenaphthylene-d8	14.316	160	407891	9.375	ng/u1	0.00	
54) 4-Nitrophenol-d4	14.834	143	57537	7.764	ng/u1	0.00	
60) Fluorene-d10	15.610	176	318691	9.613	ng/u1	0.00	
65) 4,6-Dinitro-2-methylph...	15.739	200	49212	7.222	ng/u1	0.00	
73) Anthracene-d10	17.486	188	488281	9.423	ng/u1	0.00	
81) Pyrene-d10	19.722	212	599817	9.393	ng/u1	0.00	
92) Benzo(a)pyrene-d12	23.845	264	583637	9.258	ng/u1	0.00	
Target Compounds							
						Qvalue	
2) 1,4-Dioxane	3.352	88	18972	3.859	ng/uL#	86	
5) Pyridine	3.769	79	127987	9.448	ng/u1	98	
6) Benzaldehyde	7.116	77	99274	11.415	ng/u1	96	
8) Phenol	7.134	94	150561	9.138	ng/u1	100	
10) Bis(2-Chloroethyl)ether	7.393	93	128507	9.779	ng/u1	100	
12) 2-Chlorophenol	7.510	128	118934	9.402	ng/u1	99	
13) 2-Methylphenol	8.399	108	109715	8.933	ng/u1	98	
14) 2,2'-oxybis(1-Chloropr...	8.469	45	180877m	10.951	ng/u1		
16) Acetophenone	8.805	105	197438	9.743	ng/u1	97	
17) N-Nitroso-di-n-propyla...	8.775	70	98308	9.441	ng/u1	97	
18) 4-Methylphenol	8.728	108	122300	9.000	ng/u1	97	
19) Hexachloroethane	9.022	117	49979	9.607	ng/u1	97	
22) Nitrobenzene	9.199	77	144934	9.467	ng/u1	99	
23) Isophorone	9.710	82	264851	9.232	ng/u1	100	
25) 2-Nitrophenol	9.904	139	61372	8.798	ng/u1	95	
26) 2,4-Dimethylphenol	9.940	107	135014	9.498	ng/u1	95	
27) Bis(2-Chloroethoxy)met...	10.199	93	174965	9.731	ng/u1	100	
29) 2,4-Dichlorophenol	10.422	162	113691	9.254	ng/u1	98	
30) Naphthalene	10.834	128	415657	9.784	ng/u1	99	
32) 4-Chloroaniline	10.969	127	169965	9.521	ng/u1	99	
33) Hexachlorobutadiene	11.063	225	81149	9.727	ng/u1	96	
34) Caprolactam	11.781	113	34515	9.292	ng/u1	98	
35) 4-Chloro-3-methylphenol	12.069	107	122085	9.184	ng/u1	99	
36) 2-Methylnaphthalene	12.440	142	275617	9.615	ng/u1	97	

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37) 1-Methylnaphthalene	12.657	142	277401	9.560	ng/u1	100	
39) 1,2,4,5-Tetrachloroben...	12.787	216	155302	9.677	ng/u1	99	
40) Hexachlorocyclopentadiene	12.734	237	73504	7.351	ng/u1	100	
41) 2,4,6-Trichlorophenol	13.045	196	94148	9.235	ng/u1	97	09/13/2023
42) 2,4,5-Trichlorophenol	13.110	196	97476	8.994	ng/u1	99	
43) 1,1'-Biphenyl	13.451	154	375600	9.721	ng/u1	99	
44) 2-Chloronaphthalene	13.498	162	298868	9.741	ng/u1	99	
45) 2-Nitroaniline	13.734	65	71181	8.565	ng/u1	99	
47) Dimethylphthalate	14.075	163	375378	9.644	ng/u1	100	
48) 2,6-Dinitrotoluene	14.222	165	60305	8.477	ng/u1	92	
50) Acenaphthylene	14.345	152	482640	9.603	ng/u1	100	
51) 3-Nitroaniline	14.563	138	62161	8.166	ng/u1	93	
52) Acenaphthene	14.681	153	324808	9.766	ng/u1	99	
53) 2,4-Dinitrophenol	14.763	184	27444	5.506	ng/u1	96	
55) 4-Nitrophenol	14.845	109	49090	8.277	ng/u1	99	
56) Dibenzofuran	15.016	168	458870	9.984	ng/u1	99	
57) 2,4-Dinitrotoluene	15.004	165	90139	8.507	ng/u1	88	
58) 2,3,4,6-Tetrachlorophenol	15.234	232	87014	9.151	ng/u1	98	
59) Diethylphthalate	15.434	149	364076	9.474	ng/u1	99	
61) Fluorene	15.669	166	372432	9.801	ng/u1	99	
62) 4-Chlorophenyl-phenyle...	15.663	204	187844	9.723	ng/u1	99	
63) 4-Nitroaniline	15.728	138	61956	8.754	ng/u1	97	
66) 4,6-Dinitro-2-methylph...	15.757	198	57810	7.905	ng/u1#	97	
67) N-Nitrosodiphenylamine	15.887	169	303773	9.579	ng/u1	99	
68) 4-Bromophenyl-phenylether	16.563	248	108395	9.324	ng/u1	99	
69) Hexachlorobenzene	16.645	284	131820	9.580	ng/u1	99	
70) Atrazine	16.839	200	105276	9.171	ng/u1	99	
71) Pentachlorophenol	17.010	266	72100	8.062	ng/u1	96	
72) Phenanthrene	17.428	178	603415	9.845	ng/u1	100	
74) Anthracene	17.522	178	604888	9.744	ng/u1	100	
75) 1,2,3,4-Tetrachloroben...	13.404	216	163910	9.720	ng/uL	99	
76) Pentachlorobenzene	14.910	250	148495	9.705	ng/uL	99	
77) Carbazole	17.810	167	529775	9.719	ng/u1	100	
78) Di-n-butylphthalate	18.316	149	558571	8.993	ng/u1	99	
80) Fluoranthene	19.392	202	692512	9.278	ng/u1	97	
82) Pyrene	19.751	202	754225	9.564	ng/u1	99	
83) Butylbenzylphthalate	20.616	149	236632	8.413	ng/u1	99	
84) 3,3'-Dichlorobenzidine	21.410	252	213867	8.567	ng/u1	99	
85) Benzo(a)anthracene	21.469	228	767240	9.624	ng/u1	99	
86) Bis(2-ethylhexyl)phtha...	21.351	149	338143	8.564	ng/u1	99	
87) Chrysene	21.527	228	717908	9.681	ng/u1	99	
89) Di-n-octyl phthalate	22.316	149	579737	7.828	ng/u1	100	
90) Benzo(b)fluoranthene	23.227	252	721233	9.161	ng/u1	99	
91) Benzo(k)fluoranthene	23.280	252	746705	9.541	ng/u1	99	
93) Benzo(a)pyrene	23.898	252	685314	9.383	ng/u1	99	
94) Indeno(1,2,3-cd)pyrene	26.692	276	812269	10.043	ng/u1	99	
95) Dibenzo(a,h)anthracene	26.715	278	680582	10.017	ng/u1	99	
96) Benzo(g,h,i)perylene	27.527	276	641156	10.252	ng/u1	98	

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

