

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018034.D
 Acq On : 10 Nov 2023 20:00
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV623

Quant Time: Nov 10 21:59:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	54999	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	232383	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	147856	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	332389	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	314813	20.000	ng/u1	0.00
88) Perylene-d12	23.939	264	337147	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	12497	8.016	ng/uL	0.00
4) Pyridine-d5	3.663	84	86814	21.356	ng/u1	0.00
7) Phenol-d5	7.016	99	111510	21.001	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	75474	24.187	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	87802	20.881	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	92034	21.152	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	44898	21.445	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	50949	21.480	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	90755	21.468	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	126194	21.767	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	300678	22.040	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	323911	21.799	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	38596	18.933	ng/u1	0.00
60) Fluorene-d10	15.528	176	246820	21.914	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	49396	20.557	ng/u1	0.00
73) Anthracene-d10	17.410	188	393488	21.889	ng/u1	0.00
81) Pyrene-d10	19.663	212	455644	21.668	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	426871	21.775	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	12438	7.311	ng/uL	92
5) Pyridine	3.687	79	78072	18.608	ng/u1	97
6) Benzaldehyde	7.022	77	74060	25.899	ng/u1	98
8) Phenol	7.046	94	104999	20.046	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.293	93	79933	19.670	ng/u1	98
12) 2-Chlorophenol	7.404	128	84542	20.025	ng/u1	99
13) 2-Methylphenol	8.304	108	80297	20.289	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	88447m	19.062	ng/u1	
16) Acetophenone	8.710	105	144685	20.920	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	75531	20.003	ng/u1	97
18) 4-Methylphenol	8.640	108	86101	19.948	ng/u1	97
19) Hexachloroethane	8.904	117	39422	19.517	ng/u1	97
22) Nitrobenzene	9.098	77	115191	20.376	ng/u1	93
23) Isophorone	9.604	82	199430	19.333	ng/u1	98
25) 2-Nitrophenol	9.804	139	49591	20.346	ng/u1	99
26) 2,4-Dimethylphenol	9.845	107	87462	16.869	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.098	93	111150	19.759	ng/u1	96
29) 2,4-Dichlorophenol	10.322	162	84111	20.836	ng/u1	92
30) Naphthalene	10.722	128	276811	19.587	ng/u1	99
32) 4-Chloroaniline	10.875	127	113264	20.397	ng/u1	97
33) Hexachlorobutadiene	10.940	225	58461	19.727	ng/u1	99
34) Caprolactam	11.716	113	28724	21.419	ng/u1	98
35) 4-Chloro-3-methylphenol	11.987	107	97828	20.143	ng/u1	95
36) 2-Methylnaphthalene	12.334	142	191040	19.690	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.557	142	189983	19.055	ng/ul	98	11/11/2023
39) 1,2,4,5-Tetrachloroben...	12.692	216	107215	21.465	ng/ul	98	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.628	237	33595	13.934	ng/ul	98	
41) 2,4,6-Trichlorophenol	12.957	196	67901	20.723	ng/ul	98	
42) 2,4,5-Trichlorophenol	13.034	196	71443	20.718	ng/ul	93	
43) 1,1'-Biphenyl	13.357	154	262735	20.897	ng/ul	98	
44) 2-Chloronaphthalene	13.404	162	201099	20.146	ng/ul	99	11/15/2023
45) 2-Nitroaniline	13.657	65	67811	21.052	ng/ul	98	
47) Dimethylphthalate	13.998	163	271409	20.281	ng/ul	99	
48) 2,6-Dinitrotoluene	14.151	165	58915	22.149	ng/ul	99	
50) Acenaphthylene	14.257	152	341635	20.365	ng/ul	100	
51) 3-Nitroaniline	14.498	138	56240	22.786	ng/ul	98	
52) Acenaphthene	14.592	153	218362	19.630	ng/ul	98	
53) 2,4-Dinitrophenol	14.716	184	25020	17.242	ng/ul	96	
55) 4-Nitrophenol	14.798	109	54477	20.132	ng/ul	99	
56) Dibenzofuran	14.933	168	319371	20.950	ng/ul	98	
57) 2,4-Dinitrotoluene	14.945	165	80478	20.251	ng/ul	94	
58) 2,3,4,6-Tetrachlorophenol	15.157	232	67075	21.865	ng/ul	97	
59) Diethylphthalate	15.351	149	278500	19.920	ng/ul	99	
61) Fluorene	15.586	166	257340	19.883	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.575	204	125286	19.754	ng/ul	98	
63) 4-Nitroaniline	15.669	138	53776	23.088	ng/ul	96	
66) 4,6-Dinitro-2-methylph...	15.698	198	45175	18.118	ng/ul	93	
67) N-Nitrosodiphenylamine	15.810	169	222511	20.874	ng/ul	100	
68) 4-Bromophenyl-phenylether	16.480	248	73977	19.747	ng/ul	92	
69) Hexachlorobenzene	16.563	284	84673	20.255	ng/ul	95	
70) Atrazine	16.769	200	84216	22.648	ng/ul	99	
71) Pentachlorophenol	16.939	266	45999	18.128	ng/ul	97	
72) Phenanthrene	17.351	178	414585	20.314	ng/ul	100	
74) Anthracene	17.445	178	414342	19.895	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.310	216	105407	20.766	ng/uL	96	
76) Pentachlorobenzene	14.822	250	99166	19.957	ng/uL	97	
77) Carbazole	17.739	167	378643	20.936	ng/ul	99	
78) Di-n-butylphthalate	18.245	149	455734	19.860	ng/ul	98	
80) Fluoranthene	19.333	202	486116	19.794	ng/ul	99	
82) Pyrene	19.692	202	510441	19.835	ng/ul	99	
83) Butylbenzylphthalate	20.557	149	213875	19.762	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.363	252	176626	23.483	ng/ul	96	
85) Benzo(a)anthracene	21.415	228	496033	19.513	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.298	149	291744	19.553	ng/ul	100	
87) Chrysene	21.474	228	467592	19.662	ng/ul	99	
89) Di-n-octyl phthalate	22.257	149	495558	19.654	ng/ul	100	
90) Benzo(b)fluoranthene	23.162	252	489985	20.421	ng/ul	99	
91) Benzo(k)fluoranthene	23.209	252	452954	18.763	ng/ul	100	
93) Benzo(a)pyrene	23.827	252	423171	18.676	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	26.598	276	543305	19.992	ng/ul	99	
95) Dibenzo(a,h)anthracene	26.621	278	444969	19.885	ng/ul	98	
96) Benzo(g,h,i)perylene	27.427	276	432672	19.905	ng/ul	96	

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

