

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072822\
 Data File : BP011163.D
 Acq On : 28 Jul 2022 15:38
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV630

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jul 28 16:17:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 16:05:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	297064	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	1328355	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	646430	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1032449	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.210	240	931534	20.000	ng/u1	# 0.00
88) Perylene-d12	23.557	264	1029490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	49090	7.568	ng/uL	0.00
4) Pyridine-d5	3.558	84	354571	19.321	ng/u1	0.00
7) Phenol-d5	6.828	99	505797	19.507	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	388936	21.213	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	417210	20.418	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	420768	19.838	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	214659	20.793	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	206570	20.890	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	352915	20.251	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	544929	19.289	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	880082	19.983	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	1164388	21.039	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	129996	16.409	ng/u1	0.00
60) Fluorene-d10	15.322	176	721459	19.494	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	92767	17.824	ng/u1	0.00
73) Anthracene-d10	17.186	188	931354	20.473	ng/u1	0.00
81) Pyrene-d10	19.445	212	966659	19.312	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	1041436	20.367	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.187	88	49990	7.445	ng/uL#	82
5) Pyridine	3.581	79	349360	18.455	ng/u1#	74
6) Benzaldehyde	6.799	77	296564	23.711	ng/u1	98
8) Phenol	6.858	94	529063	19.019	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.087	93	449418	19.926	ng/u1	94
12) 2-Chlorophenol	7.216	128	422884	19.906	ng/u1	96
13) 2-Methylphenol	8.099	108	396941	19.252	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.193	45	739256	19.569	ng/u1	97
16) Acetophenone	8.481	105	680492	20.625	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.469	70	360137	20.649	ng/u1	99
18) 4-Methylphenol	8.428	108	428600	19.302	ng/u1	97
19) Hexachloroethane	8.716	117	188329	19.735	ng/u1#	71
22) Nitrobenzene	8.857	77	528905	19.927	ng/u1	96
23) Isophorone	9.387	82	951238	19.808	ng/u1	98
25) 2-Nitrophenol	9.563	139	222338	20.010	ng/u1	92
26) 2,4-Dimethylphenol	9.634	107	477736	20.014	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	595471	19.735	ng/u1	98
29) 2,4-Dichlorophenol	10.093	162	351902	19.525	ng/u1	98
30) Naphthalene	10.493	128	1382044	19.776	ng/u1	99
32) 4-Chloroaniline	10.616	127	532553	18.971	ng/u1	97
33) Hexachlorobutadiene	10.775	225	216438	19.662	ng/u1	95
34) Caprolactam	11.410	113	88287	14.729	ng/u1	90
35) 4-Chloro-3-methylphenol	11.751	107	374159	18.515	ng/u1	97
36) 2-Methylnaphthalene	12.116	142	877530	19.842	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.340	142	855323	19.305	ng/ul	99	07/29/2022
39) 1,2,4,5-Tetrachloroben...	12.487	216	375898	20.901	ng/ul#	98	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.463	237	252583	21.302	ng/ul	95	
41) 2,4,6-Trichlorophenol	12.740	196	231406	20.490	ng/ul	97	
42) 2,4,5-Trichlorophenol	12.810	196	236495	19.782	ng/ul	99	
43) 1,1'-Biphenyl	13.145	154	1068484	20.687	ng/ul#	96	
44) 2-Chloronaphthalene	13.181	162	798300	20.674	ng/ul	97	07/30/2022
45) 2-Nitroaniline	13.404	65	217376	19.370	ng/ul	92	
47) Dimethylphthalate	13.787	163	851920	19.207	ng/ul	99	
48) 2,6-Dinitrotoluene	13.904	165	163953	21.154	ng/ul	93	
50) Acenaphthylene	14.034	152	1249966	20.217	ng/ul	98	
51) 3-Nitroaniline	14.234	138	168434	20.123	ng/ul	98	
52) Acenaphthene	14.381	153	805154	19.937	ng/ul	98	
53) 2,4-Dinitrophenol	14.445	184	61127	13.985	ng/ul	97	
55) 4-Nitrophenol	14.551	109	109610	16.102	ng/ul#	82	
56) Dibenzofuran	14.722	168	1071657	19.522	ng/ul	99	
57) 2,4-Dinitrotoluene	14.698	165	200197	18.514	ng/ul	97	
58) 2,3,4,6-Tetrachlorophenol	14.951	232	168678	19.404	ng/ul#	81	
59) Diethylphthalate	15.163	149	820125	18.500	ng/ul	97	
61) Fluorene	15.375	166	816795	19.135	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.375	204	370179	19.054	ng/ul	89	
63) 4-Nitroaniline	15.410	138	149607m	21.024	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.463	198	96141	18.189	ng/ul#	95	
67) N-Nitrosodiphenylamine	15.592	169	653892	20.609	ng/ul	97	
68) 4-Bromophenyl-phenylether	16.281	248	200852	20.273	ng/ul	92	
69) Hexachlorobenzene	16.381	284	221399	19.535	ng/ul#	89	
70) Atrazine	16.563	200	178038	17.844	ng/ul	94	
71) Pentachlorophenol	16.733	266	116918	17.968	ng/ul	96	
72) Phenanthrene	17.128	178	1108580	19.620	ng/ul	98	
74) Anthracene	17.222	178	1118531	20.009	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.104	216	381708	21.446	ng/uL	97	
76) Pentachlorobenzene	14.634	250	315476	21.505	ng/uL	98	
77) Carbazole	17.504	167	957150	19.327	ng/ul	97	
78) Di-n-butylphthalate	18.075	149	1152466	19.459	ng/ul	100	
80) Fluoranthene	19.116	202	1127613	18.237	ng/ul#	84	
82) Pyrene	19.475	202	1186209	18.669	ng/ul#	83	
83) Butylbenzylphthalate	20.374	149	475199	18.677	ng/ul	97	
84) 3,3'-Dichlorobenzidine	21.139	252	326640	20.103	ng/ul#	98	
85) Benzo(a)anthracene	21.198	228	1151539	19.886	ng/ul	98	
86) Bis(2-ethylhexyl)phtha...	21.139	149	772388	20.087	ng/ul#	94	
87) Chrysene	21.251	228	1103414	19.167	ng/ul	100	
89) Di-n-octyl phthalate	22.051	149	1310412	18.520	ng/ul	100	
90) Benzo(b)fluoranthene	22.845	252	1296117	19.971	ng/ul#	95	
91) Benzo(k)fluoranthene	22.892	252	1212587	19.686	ng/ul#	95	
93) Benzo(a)pyrene	23.451	252	1214027	19.177	ng/ul#	94	
94) Indeno(1,2,3-cd)pyrene	25.980	276	1506400	19.315	ng/ul#	87	
95) Dibenzo(a,h)anthracene	25.998	278	1312165	19.616	ng/ul#	91	
96) Benzo(g,h,i)perylene	26.721	276	1318289	19.544	ng/ul#	87	

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

