

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080822\
 Data File : BP011317.D
 Acq On : 08 Aug 2022 18:36
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV644

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2022
 Supervised By :Sohil Jodhani 08/10/2022

Quant Time: Aug 08 19:15:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 18:47:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	151941	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	656596	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	363059	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	728266	20.000	ng/u1	0.00
79) Chrysene-d12	21.163	240	784962	20.000	ng/u1	0.00
88) Perylene-d12	23.474	264	767278	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	37873m	7.641	ng/uL	0.00
4) Pyridine-d5	3.499	84	244042	19.520	ng/u1	0.00
7) Phenol-d5	6.775	99	265196	19.722	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	197821	20.749	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	218344	20.695	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	209723	19.864	ng/u1	0.00
21) Nitrobenzene-d5	8.758	128	95488	21.369	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	90793	22.192	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.010	165	174188	21.083	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	281523	19.490	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	532008	21.119	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	642846	21.200	ng/u1	0.00
54) 4-Nitrophenol-d4	14.493	143	101879	22.143	ng/u1	0.00
60) Fluorene-d10	15.269	176	441475	20.493	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	71553	21.153	ng/u1	0.00
73) Anthracene-d10	17.134	188	706399	21.580	ng/u1	0.00
81) Pyrene-d10	19.398	212	822438	19.017	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.321	264	774742	20.022	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	40310	7.657	ng/uL#	84
5) Pyridine	3.517	79	240251	18.449	ng/u1#	88
6) Benzaldehyde	6.746	77	151347	25.827	ng/u1	97
8) Phenol	6.799	94	277468	19.064	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.028	93	223138	19.036	ng/u1	97
12) 2-Chlorophenol	7.158	128	222358	20.226	ng/u1	97
13) 2-Methylphenol	8.046	108	202632	19.331	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	336365	19.132	ng/u1#	95
16) Acetophenone	8.422	105	337313	19.747	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.411	70	172593	20.510	ng/u1	93
18) 4-Methylphenol	8.375	108	214303	19.074	ng/u1	96
19) Hexachloroethane	8.658	117	91493	19.710	ng/u1	99
22) Nitrobenzene	8.799	77	252955	20.221	ng/u1	97
23) Isophorone	9.328	82	470936	20.523	ng/u1	99
25) 2-Nitrophenol	9.505	139	102210	21.436	ng/u1	93
26) 2,4-Dimethylphenol	9.575	107	244961	20.333	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	286811	19.559	ng/u1	98
29) 2,4-Dichlorophenol	10.034	162	173593	20.092	ng/u1	99
30) Naphthalene	10.434	128	689364	19.298	ng/u1	99
32) 4-Chloroaniline	10.557	127	276257	19.081	ng/u1	98
33) Hexachlorobutadiene	10.716	225	104723	19.757	ng/u1	99
34) Caprolactam	11.352	113	56267	19.474	ng/u1	84
35) 4-Chloro-3-methylphenol	11.699	107	206518	20.330	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	437329	19.750	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	432092	19.238	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.428	216	187837	19.652	ng/ul	95
40) Hexachlorocyclopentadiene	12.404	237	94397	18.430	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	117566	20.329	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	124663	20.197	ng/ul	98
43) 1,1'-Biphenyl	13.093	154	548860	19.252	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	417239	19.506	ng/ul	98
45) 2-Nitroaniline	13.351	65	118009	21.722	ng/ul	94
47) Dimethylphthalate	13.734	163	516966	20.262	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	98813	24.769	ng/ul	93
50) Acenaphthylene	13.981	152	699959	20.025	ng/ul	99
51) 3-Nitroaniline	14.187	138	108164	24.647	ng/ul	96
52) Acenaphthene	14.328	153	455543	19.541	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	45173	19.085	ng/ul	97
55) 4-Nitrophenol	14.504	109	95000	22.257	ng/ul	91
56) Dibenzofuran	14.669	168	615743	19.483	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	135994	22.240	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.898	232	101198	21.076	ng/ul#	97
59) Diethylphthalate	15.116	149	544870	20.614	ng/ul	99
61) Fluorene	15.322	166	502891	19.593	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.328	204	219006	19.520	ng/ul	95
63) 4-Nitroaniline	15.363	138	117380m	27.488	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	73304	21.045	ng/ul#	96
67) N-Nitrosodiphenylamine	15.545	169	425618	19.833	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	125748	19.512	ng/ul	95
69) Hexachlorobenzene	16.328	284	143422	19.049	ng/ul	96
70) Atrazine	16.516	200	143584	20.073	ng/ul	98
71) Pentachlorophenol	16.681	266	87009	19.907	ng/ul	99
72) Phenanthrene	17.075	178	775227	18.984	ng/ul	100
74) Anthracene	17.169	178	846013	20.811	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.046	216	191905	18.355	ng/uL	100
76) Pentachlorobenzene	14.581	250	177633	19.509	ng/uL	99
77) Carbazole	17.451	167	838441	22.071	ng/ul	99
78) Di-n-butylphthalate	18.022	149	1011168	24.343	ng/ul	100
80) Fluoranthene	19.069	202	972691	18.479	ng/ul	98
82) Pyrene	19.422	202	1017345	18.311	ng/ul	99
83) Butylbenzylphthalate	20.322	149	382195	21.587	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.092	252	238860	16.720	ng/ul	99
85) Benzo(a)anthracene	21.145	228	968562	19.233	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.092	149	625429	22.005	ng/ul	99
87) Chrysene	21.198	228	944560	18.947	ng/ul	100
89) Di-n-octyl phthalate	21.992	149	1073200	20.159	ng/ul	100
90) Benzo(b)fluoranthene	22.769	252	978696	19.380	ng/ul	99
91) Benzo(k)fluoranthene	22.816	252	966578	19.563	ng/ul	99
93) Benzo(a)pyrene	23.369	252	912621	18.737	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.857	276	1046252	19.431	ng/ul	99
95) Dibenzo(a,h)anthracene	25.874	278	899769	19.648	ng/ul	97
96) Benzo(g,h,i)perylene	26.586	276	891182	19.615	ng/ul	100

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

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