

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016559.D
 Acq On : 14 Aug 2023 13:51
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV630

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

Quant Time: Aug 14 18:29:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	301207	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	1376317	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	836025	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	1806520	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1757934	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1992424	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	65468	8.259	ng/uL	0.00
4) Pyridine-d5	3.828	84	492884	20.437	ng/ul	0.00
7) Phenol-d5	7.199	99	569757	20.518	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	375740	20.544	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	427201	21.419	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	458995	20.788	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	213083	22.003	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	208148	22.630	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	402571	22.240	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	652336	21.004	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1271484	21.027	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1482672	21.724	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	257305	20.888	ng/ul	0.00
60) Fluorene-d10	15.704	176	1080657	20.963	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	174365	20.289	ng/ul	0.00
73) Anthracene-d10	17.575	188	1683354	21.542	ng/ul	0.00
81) Pyrene-d10	19.810	212	1975219	21.444	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	2031945	21.280	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	70985	8.144	ng/uL	97
5) Pyridine	3.852	79	514824	20.575	ng/ul	98
6) Benzaldehyde	7.210	77	372023	24.303	ng/ul	96
8) Phenol	7.222	94	609423	20.533	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.493	93	493249	20.574	ng/ul	99
12) 2-Chlorophenol	7.610	128	443003	21.109	ng/ul	98
13) 2-Methylphenol	8.493	108	441718	20.489	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.575	45	685870m	20.526	ng/ul	
16) Acetophenone	8.910	105	750710	21.054	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.881	70	400624	20.950	ng/ul	99
18) 4-Methylphenol	8.828	108	487432	20.572	ng/ul	96
19) Hexachloroethane	9.140	117	181108	20.656	ng/ul	99
22) Nitrobenzene	9.299	77	583349	21.518	ng/ul	98
23) Isophorone	9.816	82	1103344	21.548	ng/ul	100
25) 2-Nitrophenol	10.004	139	238681	22.699	ng/ul	100
26) 2,4-Dimethylphenol	10.040	107	529722	21.369	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.304	93	680428	20.730	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	405208	21.758	ng/ul	99
30) Naphthalene	10.946	128	1495642	20.799	ng/ul	100
32) 4-Chloroaniline	11.069	127	645573	20.987	ng/ul	99
33) Hexachlorobutadiene	11.181	225	238985	21.288	ng/ul	99
34) Caprolactam	11.875	113	150903	20.827	ng/ul	94
35) 4-Chloro-3-methylphenol	12.163	107	485391	21.323	ng/ul	99
36) 2-Methylnaphthalene	12.540	142	997429	20.707	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	1011689	20.859	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.893	216	476905	21.327	ng/ul	99
40) Hexachlorocyclopentadiene	12.845	237	272122	20.001	ng/ul	99
41) 2,4,6-Trichlorophenol	13.140	196	308011	22.133	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	334741	22.190	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	1305516	21.008	ng/ul	99
44) 2-Chloronaphthalene	13.593	162	1010439	20.898	ng/ul	99
45) 2-Nitroaniline	13.822	65	326174	22.311	ng/ul	96
47) Dimethylphthalate	14.169	163	1287907	20.831	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	243583	22.746	ng/ul	97
50) Acenaphthylene	14.440	152	1720643	21.407	ng/ul	100
51) 3-Nitroaniline	14.645	138	267006	22.237	ng/ul	95
52) Acenaphthene	14.775	153	1123709	20.884	ng/ul	98
53) 2,4-Dinitrophenol	14.839	184	105968	17.775	ng/ul	99
55) 4-Nitrophenol	14.922	109	211424	21.112	ng/ul	99
56) Dibenzofuran	15.110	168	1512814	20.607	ng/ul	99
57) 2,4-Dinitrotoluene	15.087	165	366473	22.853	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.322	232	278836	22.062	ng/ul	98
59) Diethylphthalate	15.522	149	1322353	20.919	ng/ul	99
61) Fluorene	15.763	166	1259373	20.922	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	591264	20.925	ng/ul	99
63) 4-Nitroaniline	15.810	138	268380	23.356	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.839	198	200855	21.078	ng/ul	95
67) N-Nitrosodiphenylamine	15.975	169	1069372	21.838	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	349521	21.669	ng/ul	97
69) Hexachlorobenzene	16.739	284	398677	21.154	ng/ul	98
70) Atrazine	16.928	200	374778	21.273	ng/ul	99
71) Pentachlorophenol	17.098	266	235718	20.314	ng/ul	98
72) Phenanthrene	17.522	178	2012516	21.145	ng/ul	99
74) Anthracene	17.616	178	2033093	21.267	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	505651	22.025	ng/ul	96
76) Pentachlorobenzene	15.004	250	448319	21.764	ng/ul	99
77) Carbazole	17.892	167	1900745	21.575	ng/ul	100
78) Di-n-butylphthalate	18.404	149	2264476	22.204	ng/ul	100
80) Fluoranthene	19.480	202	2336450	21.253	ng/ul	100
82) Pyrene	19.839	202	2466047	21.243	ng/ul	97
83) Butylbenzylphthalate	20.698	149	1039709	22.232	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.492	252	830577	21.697	ng/ul	100
85) Benzo(a)anthracene	21.557	228	2516204	21.298	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	1515209	22.325	ng/ul	98
87) Chrysene	21.616	228	2306877	20.866	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	2637279	21.213	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2469885	20.819	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	2491282	21.168	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2368364	21.163	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.909	276	2731776	20.683	ng/ul	98
95) Dibenzo(a,h)anthracene	26.945	278	2264368	20.601	ng/ul	100
96) Benzo(g,h,i)perylene	27.780	276	2160901	20.556	ng/ul	98

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

