

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
 Data File : BP014344.D
 Acq On : 28 Mar 2023 15:17
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV631

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2023
 Supervised By : Jagrut Upadhyay 03/29/2023

Quant Time: Mar 29 02:13:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 02:11:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	152400	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	664443	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	424332	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	854225	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	618333	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	655874	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	29960	7.624	ng/uL	0.00
4) Pyridine-d5	3.828	84	194420	19.305	ng/u1	0.00
7) Phenol-d5	7.181	99	260844	18.559	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	190887	21.168	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	194529	19.149	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	212371	18.732	ng/u1	0.00
21) Nitrobenzene-d5	9.199	128	100450	18.727	ng/u1	0.00
24) 2-Nitrophenol-d4	9.922	143	116057	18.895	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	212982	19.040	ng/u1	0.00
31) 4-Chloroaniline-d4	10.993	131	270190	18.338	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	647902	18.831	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	738958	19.356	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	87853	16.902	ng/u1	0.00
60) Fluorene-d10	15.669	176	535312	18.657	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	108262	17.224	ng/u1	0.00
73) Anthracene-d10	17.539	188	766866	18.550	ng/u1	0.00
81) Pyrene-d10	19.763	212	776758	18.702	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	635930m	18.250	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	32347	7.490	ng/uL	100
5) Pyridine	3.846	79	201699	19.138	ng/u1	99
6) Benzaldehyde	7.163	77	185725	26.585	ng/u1	97
8) Phenol	7.210	94	279897	19.197	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.440	93	230722	19.692	ng/u1	98
12) 2-Chlorophenol	7.581	128	207259	19.602	ng/u1	96
13) 2-Methylphenol	8.469	108	210432	19.353	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	305306	19.846	ng/u1	99
16) Acetophenone	8.857	105	375145	20.039	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.840	70	202309	20.003	ng/u1	98
18) 4-Methylphenol	8.805	108	229333	19.205	ng/u1	98
19) Hexachloroethane	9.110	117	89017	19.269	ng/u1	97
22) Nitrobenzene	9.246	77	288517	18.723	ng/u1	99
23) Isophorone	9.769	82	536488	18.887	ng/u1	99
25) 2-Nitrophenol	9.957	139	127664	19.692	ng/u1	99
26) 2,4-Dimethylphenol	10.016	107	278300	19.179	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.252	93	322102	18.914	ng/u1	99
29) 2,4-Dichlorophenol	10.499	162	215678	19.592	ng/u1	98
30) Naphthalene	10.899	128	702500	18.981	ng/u1	99
32) 4-Chloroaniline	11.016	127	293965	19.698	ng/u1	99
33) Hexachlorobutadiene	11.175	225	164458	18.857	ng/u1	99
34) Caprolactam	11.810	113	62878m	19.334	ng/u1	
35) 4-Chloro-3-methylphenol	12.134	107	254337	18.784	ng/u1	98
36) 2-Methylnaphthalene	12.504	142	504821	20.127	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	465076	18.696	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.869	216	301002	19.896	ng/ul	98
40) Hexachlorocyclopentadiene	12.840	237	169924	17.344	ng/ul	96
41) 2,4,6-Trichlorophenol	13.110	196	183399	19.590	ng/ul	99
42) 2,4,5-Trichlorophenol	13.193	196	196345	19.700	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	666977	19.455	ng/ul	100
44) 2-Chloronaphthalene	13.551	162	517009	19.073	ng/ul	99
45) 2-Nitroaniline	13.769	65	160396	19.107	ng/ul	98
47) Dimethylphthalate	14.128	163	644742	18.742	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	138649	20.629	ng/ul	99
50) Acenaphthylene	14.398	152	806447	19.835	ng/ul	100
51) 3-Nitroaniline	14.592	138	126188	20.957	ng/ul	98
52) Acenaphthene	14.740	153	543304	18.910	ng/ul	98
53) 2,4-Dinitrophenol	14.804	184	73748	16.944	ng/ul	98
55) 4-Nitrophenol	14.904	109	87190	16.997	ng/ul	95
56) Dibenzofuran	15.075	168	774038	19.165	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	181649	19.054	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.304	232	178893	19.971	ng/ul	96
59) Diethylphthalate	15.492	149	623163	18.229	ng/ul	99
61) Fluorene	15.728	166	617494	18.862	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.716	204	331304	18.837	ng/ul	97
63) 4-Nitroaniline	15.763	138	104762m	21.414	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.810	198	111192	18.254	ng/ul	100
67) N-Nitrosodiphenylamine	15.934	169	519271	19.538	ng/ul	98
68) 4-Bromophenyl-phenylether	16.616	248	201351	18.942	ng/ul	98
69) Hexachlorobenzene	16.734	284	228590	18.722	ng/ul	99
70) Atrazine	16.892	200	181025	18.710	ng/ul	97
71) Pentachlorophenol	17.086	266	120544	17.042	ng/ul	98
72) Phenanthrene	17.481	178	900800	18.955	ng/ul	100
74) Anthracene	17.575	178	925483	19.322	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	294185	19.565	ng/uL	99
76) Pentachlorobenzene	14.992	250	283992	18.928	ng/uL	99
77) Carbazole	17.845	167	755691	18.853	ng/ul	99
78) Di-n-butylphthalate	18.375	149	903158	17.920	ng/ul	99
80) Fluoranthene	19.439	202	926488	18.867	ng/ul	100
82) Pyrene	19.792	202	951365	18.556	ng/ul	99
83) Butylbenzylphthalate	20.651	149	322553	18.265	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	317680	23.231	ng/ul	99
85) Benzo(a)anthracene	21.510	228	824254	18.811	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	452744	18.748	ng/ul	99
87) Chrysene	21.563	228	787636	19.037	ng/ul	98
89) Di-n-octyl phthalate	22.369	149	739592	17.377	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	825495	18.636	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	783382	18.209	ng/ul	98
93) Benzo(a)pyrene	23.933	252	721711	18.928	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.698	276	1009510	19.245	ng/ul	100
95) Dibenzo(a,h)anthracene	26.709	278	844858	19.237	ng/ul	100
96) Benzo(g,h,i)perylene	27.515	276	822759	19.242	ng/ul	99

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

