

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017920.D
 Acq On : 06 Nov 2023 19:20
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV609

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 07 04:04:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	59078	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	249332	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.522	164	161613	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	363571	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	335360	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	355097	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	12862	8.332	ng/uL	0.00
4) Pyridine-d5	3.675	84	92697	21.638	ng/u1	0.00
7) Phenol-d5	7.028	99	118264	21.347	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	81737	24.458	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	95208	22.365	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	96597	21.095	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	47840	24.010	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	54270	23.648	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	98509	23.414	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	132616	21.752	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	323047	22.796	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	356751	22.942	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	43199	19.827	ng/u1	0.00
60) Fluorene-d10	15.522	176	266499	22.468	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	55035	20.699	ng/u1	0.00
73) Anthracene-d10	17.398	188	420854	22.263	ng/u1	0.00
81) Pyrene-d10	19.645	212	494787	23.242	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	452721	22.817	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	13508m	8.014	ng/uL	
5) Pyridine	3.699	79	81192	18.229	ng/u1	97
6) Benzaldehyde	7.028	77	82824	26.879	ng/u1	100
8) Phenol	7.052	94	111073	20.381	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.305	93	89193	20.435	ng/u1	97
12) 2-Chlorophenol	7.416	128	92964	21.990	ng/u1	100
13) 2-Methylphenol	8.310	108	83006	19.811	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.393	45	97208m	19.344	ng/u1	
16) Acetophenone	8.716	105	156073	21.239	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	80688	20.981	ng/u1	98
18) 4-Methylphenol	8.646	108	90396	20.056	ng/u1	96
19) Hexachloroethane	8.910	117	43080	20.399	ng/u1	96
22) Nitrobenzene	9.104	77	124163	22.848	ng/u1	99
23) Isophorone	9.610	82	216247	21.882	ng/u1	98
25) 2-Nitrophenol	9.810	139	53358	22.466	ng/u1	98
26) 2,4-Dimethylphenol	9.846	107	94925	18.925	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.104	93	119304	21.947	ng/u1	99
29) 2,4-Dichlorophenol	10.328	162	88883	21.845	ng/u1	94
30) Naphthalene	10.728	128	301147	20.810	ng/u1	99
32) 4-Chloroaniline	10.875	127	120928	20.653	ng/u1	99
33) Hexachlorobutadiene	10.946	225	64924	19.178	ng/u1	99
34) Caprolactam	11.710	113	30187m	23.280	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	105469	22.391	ng/u1	95
36) 2-Methylnaphthalene	12.340	142	207519	21.017	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	204159	20.014	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.692	216	116651	20.838	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	39826	13.359	ng/ul	95
41) 2,4,6-Trichlorophenol	12.951	196	73935	20.891	ng/ul	97
42) 2,4,5-Trichlorophenol	13.034	196	79307	21.761	ng/ul	98
43) 1,1'-Biphenyl	13.351	154	288049	21.856	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	220711	21.021	ng/ul	98
45) 2-Nitroaniline	13.651	65	72745	23.140	ng/ul	91
47) Dimethylphthalate	13.992	163	292503	20.930	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	62694	22.602	ng/ul	95
50) Acenaphthylene	14.251	152	374225	21.502	ng/ul	100
51) 3-Nitroaniline	14.486	138	58700	22.466	ng/ul	95
52) Acenaphthene	14.586	153	238734	20.697	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	29505	18.071	ng/ul#	84
55) 4-Nitrophenol	14.786	109	57189	20.231	ng/ul	92
56) Dibenzofuran	14.928	168	344705	21.634	ng/ul	97
57) 2,4-Dinitrotoluene	14.934	165	88960	21.461	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.151	232	72686	21.403	ng/ul	92
59) Diethylphthalate	15.345	149	306960	21.080	ng/ul	99
61) Fluorene	15.581	166	281471	20.864	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.569	204	137479	19.691	ng/ul	95
63) 4-Nitroaniline	15.663	138	57726m	23.353	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.686	198	50644	18.233	ng/ul	94
67) N-Nitrosodiphenylamine	15.798	169	240016	21.449	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	79765	18.631	ng/ul#	87
69) Hexachlorobenzene	16.557	284	91569	18.634	ng/ul	93
70) Atrazine	16.757	200	91506	21.411	ng/ul	97
71) Pentachlorophenol	16.928	266	51710	17.324	ng/ul	96
72) Phenanthrene	17.339	178	445298	20.830	ng/ul	99
74) Anthracene	17.433	178	450898	20.750	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	112404	19.727	ng/uL	96
76) Pentachlorobenzene	14.816	250	106838	18.790	ng/uL	98
77) Carbazole	17.727	167	402750	20.785	ng/ul	99
78) Di-n-butylphthalate	18.233	149	520137	21.573	ng/ul	100
80) Fluoranthene	19.316	202	527805	21.244	ng/ul	99
82) Pyrene	19.674	202	555227	21.426	ng/ul	99
83) Butylbenzylphthalate	20.539	149	247657	21.722	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.345	252	191143	22.800	ng/ul	99
85) Benzo(a)anthracene	21.398	228	541466	20.965	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	351495	21.290	ng/ul	99
87) Chrysene	21.451	228	501095	20.923	ng/ul	98
89) Di-n-octyl phthalate	22.227	149	599752	19.998	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	526525	21.483	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	486690	19.802	ng/ul	98
93) Benzo(a)pyrene	23.780	252	449793	19.742	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	566986	20.894	ng/ul	99
95) Dibenzo(a,h)anthracene	26.545	278	467943	20.729	ng/ul	98
96) Benzo(g,h,i)perylene	27.345	276	448051	20.739	ng/ul	98

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

