

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090523\
 Data File : BP016955.D
 Acq On : 05 Sep 2023 17:11
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV602

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 01:54:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 06 01:52:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	338186	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	1444265	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	878678	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	1840832	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	1455930	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	1284361	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	77017	8.614	ng/uL	0.00
4) Pyridine-d5	3.764	84	537900	21.056	ng/u1	0.00
7) Phenol-d5	7.128	99	637192	20.623	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	410320	21.232	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	480622	21.494	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	497953	21.155	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	239584	21.382	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	259279	21.347	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	477148	21.278	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	676283	20.904	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1381968	21.129	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1621041	21.476	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	265363	20.770	ng/u1	0.00
60) Fluorene-d10	15.633	176	1191102	21.270	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	222503	20.085	ng/u1	0.00
73) Anthracene-d10	17.510	188	1788870	21.160	ng/u1	0.00
81) Pyrene-d10	19.745	212	1903995	21.470	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	1342893	20.610	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	83049	8.603	ng/uL	97
5) Pyridine	3.787	79	569328	20.934	ng/u1	96
6) Benzaldehyde	7.134	77	358055	25.569	ng/u1	99
8) Phenol	7.157	94	670708	20.894	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.416	93	543785	21.243	ng/u1	97
12) 2-Chlorophenol	7.534	128	506906	21.278	ng/u1	99
13) 2-Methylphenol	8.422	108	488437	20.744	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.493	45	773558m	21.463	ng/u1	
16) Acetophenone	8.828	105	825219	21.726	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.799	70	441416	21.755	ng/u1	99
18) 4-Methylphenol	8.757	108	546435	21.279	ng/u1	97
19) Hexachloroethane	9.051	117	212092	21.491	ng/u1	98
22) Nitrobenzene	9.222	77	638180	21.331	ng/u1	99
23) Isophorone	9.734	82	1195053	21.261	ng/u1	99
25) 2-Nitrophenol	9.928	139	287453	21.495	ng/u1	99
26) 2,4-Dimethylphenol	9.963	107	582288	21.326	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.222	93	738765	21.208	ng/u1	99
29) 2,4-Dichlorophenol	10.446	162	491015	21.486	ng/u1	99
30) Naphthalene	10.857	128	1660204	21.066	ng/u1	99
32) 4-Chloroaniline	10.993	127	705564	20.956	ng/u1	100
33) Hexachlorobutadiene	11.093	225	287618	21.057	ng/u1	100
34) Caprolactam	11.810	113	155689	20.571	ng/u1	100
35) 4-Chloro-3-methylphenol	12.092	107	531166	21.210	ng/u1	99
36) 2-Methylnaphthalene	12.463	142	1106106	21.239	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	1106909	21.111	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.816	216	555368	21.452	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	326360	19.456	ng/ul	98
41) 2,4,6-Trichlorophenol	13.069	196	379710	21.550	ng/ul	100
42) 2,4,5-Trichlorophenol	13.134	196	406052	21.180	ng/ul	98
43) 1,1'-Biphenyl	13.475	154	1484746	21.347	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	1165517	21.343	ng/ul	99
45) 2-Nitroaniline	13.751	65	354783	21.815	ng/ul	97
47) Dimethylphthalate	14.098	163	1462119	21.305	ng/ul	99
48) 2,6-Dinitrotoluene	14.245	165	288063	21.614	ng/ul	99
50) Acenaphthylene	14.369	152	1812064	21.439	ng/ul	100
51) 3-Nitroaniline	14.581	138	284786	21.411	ng/ul	99
52) Acenaphthene	14.704	153	1252806	21.245	ng/ul	99
53) 2,4-Dinitrophenol	14.781	184	158577	19.190	ng/ul	99
55) 4-Nitrophenol	14.869	109	215392	21.064	ng/ul	97
56) Dibenzofuran	15.039	168	1728294	21.315	ng/ul	100
57) 2,4-Dinitrotoluene	15.028	165	414810	21.682	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	325786	21.077	ng/ul	98
59) Diethylphthalate	15.457	149	1453845	21.199	ng/ul	100
61) Fluorene	15.692	166	1415340	21.172	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	679311	21.027	ng/ul	99
63) 4-Nitroaniline	15.751	138	261557	22.366	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.781	198	232991	20.075	ng/ul	99
67) N-Nitrosodiphenylamine	15.910	169	1185653	21.360	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	383060	20.916	ng/ul	99
69) Hexachlorobenzene	16.669	284	423058	21.073	ng/ul	99
70) Atrazine	16.863	200	402187	21.163	ng/ul	99
71) Pentachlorophenol	17.033	266	255144	19.489	ng/ul	100
72) Phenanthrene	17.451	178	2167409	21.189	ng/ul	99
74) Anthracene	17.545	178	2199736	21.393	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	559573	21.340	ng/ul	99
76) Pentachlorobenzene	14.934	250	533483	21.121	ng/ul	99
77) Carbazole	17.828	167	1976826	21.393	ng/ul	99
78) Di-n-butylphthalate	18.339	149	2407819	21.270	ng/ul	100
80) Fluoranthene	19.416	202	2381290	21.506	ng/ul	100
82) Pyrene	19.774	202	2469745	21.482	ng/ul	100
83) Butylbenzylphthalate	20.633	149	1004634	21.130	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.433	252	693819	21.473	ng/ul	99
85) Benzo(a)anthracene	21.492	228	2182200	21.282	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.368	149	1357074	20.661	ng/ul	100
87) Chrysene	21.545	228	2041048	21.279	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	2097892	19.485	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1876017	20.906	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1810336	20.833	ng/ul	100
93) Benzo(a)pyrene	23.939	252	1554989	20.776	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.751	276	1623919	19.546	ng/ul	99
95) Dibenzo(a,h)anthracene	26.774	278	1352883	19.729	ng/ul	99
96) Benzo(g,h,i)perylene	27.592	276	1284788	19.623	ng/ul	99

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

