

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051322\
 Data File : BP010348.D
 Acq On : 13 May 2022 12:09
 Operator : CG/JU
 Sample : SSTD02040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020640

Quant Time: May 13 13:35:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 13:33:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	136919	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.704	136	602543	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	427174	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	935538	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.363	240	970261	20.000	ng/ul	# 0.00
88) Perylene-d12	23.786	264	855501	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	25639	7.955	ng/uL	0.00
4) Pyridine-d5	3.763	84	185006	20.628	ng/ul	0.00
7) Phenol-d5	7.063	99	226422	17.805	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	160368m	20.385	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	185082	19.762	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	199360	19.068	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	98998	20.491	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	102399	18.589	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	196193	19.568	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	282569	19.091	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	651299	19.138	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	755560	18.622	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	111905	17.143	ng/ul	0.00
60) Fluorene-d10	15.522	176	567742	19.764	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	103328	16.129	ng/ul	0.00
73) Anthracene-d10	17.380	188	894320	19.521	ng/ul	0.00
81) Pyrene-d10	19.616	212	1080668	20.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	903735	19.808	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	28357	8.608	ng/uL#	15
5) Pyridine	3.781	79	192447	20.472	ng/ul#	32
6) Benzaldehyde	7.040	77	146942m	20.909	ng/ul	
8) Phenol	7.093	94	247466	19.302	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.322	93	201031	20.038	ng/ul#	72
12) 2-Chlorophenol	7.463	128	191512	20.361	ng/ul	97
13) 2-Methylphenol	8.346	108	184860	18.997	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.428	45	332955	21.098	ng/ul#	82
16) Acetophenone	8.722	105	313079	19.158	ng/ul#	76
17) N-Nitroso-di-n-propyla...	8.710	70	173279	20.297	ng/ul#	69
18) 4-Methylphenol	8.669	108	209382	19.666	ng/ul	91
19) Hexachloroethane	8.981	117	80597	20.097	ng/ul#	80
22) Nitrobenzene	9.098	77	256605	20.924	ng/ul#	83
23) Isophorone	9.628	82	473326	19.706	ng/ul#	98
25) 2-Nitrophenol	9.816	139	114144	20.171	ng/ul#	88
26) 2,4-Dimethylphenol	9.875	107	246191	20.375	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.110	93	284722	20.199	ng/ul#	98
29) 2,4-Dichlorophenol	10.351	162	199003	20.319	ng/ul#	83
30) Naphthalene	10.751	128	658929	20.495	ng/ul	97
32) 4-Chloroaniline	10.863	127	279416	18.917	ng/ul	100
33) Hexachlorobutadiene	11.045	225	140463	20.942	ng/ul	95
34) Caprolactam	11.634	113	66946	17.941	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.987	107	234682	19.913	ng/ul#	71
36) 2-Methylnaphthalene	12.363	142	466425	20.490	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	469545	20.291	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.734	216	267239	20.350	ng/ul	93
40) Hexachlorocyclopentadiene	12.710	237	128736	17.586	ng/ul	95
41) 2,4,6-Trichlorophenol	12.969	196	171841	19.953	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.039	196	196699m	20.957	ng/ul	
43) 1,1'-Biphenyl	13.369	154	649991	20.369	ng/ul	92
44) 2-Chloronaphthalene	13.410	162	499002	20.189	ng/ul	94
45) 2-Nitroaniline	13.610	65	166527	19.902	ng/ul#	79
47) Dimethylphthalate	13.986	163	642849	19.469	ng/ul#	92
48) 2,6-Dinitrotoluene	14.104	165	132954	19.734	ng/ul	98
50) Acenaphthylene	14.251	152	822938	20.274	ng/ul	96
51) 3-Nitroaniline	14.434	138	120168	20.386	ng/ul#	90
52) Acenaphthene	14.598	153	528031	20.096	ng/ul	96
53) 2,4-Dinitrophenol	14.645	184	58087	13.176	ng/ul#	74
55) 4-Nitrophenol	14.739	109	98857	17.856	ng/ul#	42
56) Dibenzofuran	14.933	168	779170	20.265	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	193081	19.588	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.157	232	163164	19.586	ng/ul#	88
59) Diethylphthalate	15.351	149	662461	19.435	ng/ul	94
61) Fluorene	15.581	166	638313	20.044	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.575	204	330589	20.081	ng/ul	97
63) 4-Nitroaniline	15.598	138	125200m	21.495	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	104831	16.797	ng/ul#	92
67) N-Nitrosodiphenylamine	15.786	169	548858	19.958	ng/ul	95
68) 4-Bromophenyl-phenylether	16.469	248	199216	20.159	ng/ul	98
69) Hexachlorobenzene	16.592	284	227964	19.945	ng/ul#	90
70) Atrazine	16.745	200	216292	19.468	ng/ul	90
71) Pentachlorophenol	16.933	266	131577	17.343	ng/ul#	83
72) Phenanthrene	17.327	178	1041198	20.186	ng/ul	99
74) Anthracene	17.416	178	1059717	20.257	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	286096	20.901	ng/uL#	85
76) Pentachlorobenzene	14.857	250	269704	20.608	ng/uL	91
77) Carbazole	17.686	167	915836	19.403	ng/ul#	96
78) Di-n-butylphthalate	18.239	149	1132728	18.988	ng/ul#	93
80) Fluoranthene	19.286	202	1254869	20.584	ng/ul	98
82) Pyrene	19.639	202	1307527	20.721	ng/ul	97
83) Butylbenzylphthalate	20.510	149	524748	19.527	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.280	252	406687	19.611	ng/ul#	98
85) Benzo(a)anthracene	21.345	228	1257809	19.830	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.268	149	775428	19.125	ng/ul#	80
87) Chrysene	21.398	228	1249048	19.869	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	1329948	23.094	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1221074	21.733	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	1159382	21.869	ng/ul#	98
93) Benzo(a)pyrene	23.680	252	1109261	20.380	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.321	276	1019441	16.945	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.333	278	879079	17.091	ng/ul#	94
96) Benzo(g,h,i)perylene	27.092	276	846368	16.657	ng/ul#	93

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

