

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101022\
 Data File : BP012026.D
 Acq On : 10 Oct 2022 16:40
 Operator : CG/JU
 Sample : SSTD01063
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010625

Quant Time: Oct 11 00:44:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 00:41:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
 Supervised By :mohammad ahmed 10/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	161787	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	665220	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	376590	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	775376	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	831641	20.000	ng/u1	0.00
88) Perylene-d12	23.780	264	888377	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	7103m	1.936	ng/uL	0.00
4) Pyridine-d5	3.711	84	53258	4.956	ng/u1	0.00
7) Phenol-d5	7.028	99	126692	9.071	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	78580	10.150	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	100350	9.101	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	94364	8.173	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	43974	8.679	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	42771	7.890	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	84863	8.463	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	130664	8.548	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	244347	9.073	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	293349	9.555	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	40584	7.277	ng/u1	0.00
60) Fluorene-d10	15.504	176	221765	9.482	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	29544	6.295	ng/u1	0.00
73) Anthracene-d10	17.369	188	339513	9.612	ng/u1	0.00
81) Pyrene-d10	19.604	212	394485	9.366	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	423082	9.514	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	7420	1.873	ng/uL#	95
5) Pyridine	3.734	79	56029	5.372	ng/u1#	95
6) Benzaldehyde	7.005	77	66959	10.944	ng/u1	99
8) Phenol	7.052	94	134898	9.312	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.287	93	109277	9.480	ng/u1	99
12) 2-Chlorophenol	7.422	128	110650	9.387	ng/u1	99
13) 2-Methylphenol	8.310	108	96474	8.453	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	128372	11.297	ng/u1	98
16) Acetophenone	8.693	105	158835	9.023	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	68899	8.316	ng/u1	97
18) 4-Methylphenol	8.640	108	104321	8.296	ng/u1	97
19) Hexachloroethane	8.940	117	47081	10.709	ng/u1	99
22) Nitrobenzene	9.069	77	112384	10.313	ng/u1	100
23) Isophorone	9.599	82	201427	9.112	ng/u1	100
25) 2-Nitrophenol	9.787	139	51610	8.336	ng/u1	99
26) 2,4-Dimethylphenol	9.846	107	107978	9.284	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	131504	9.220	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	90696	8.729	ng/u1	98
30) Naphthalene	10.722	128	352886	9.877	ng/u1	99
32) 4-Chloroaniline	10.840	127	136810	8.748	ng/u1	99
33) Hexachlorobutadiene	10.999	225	57884	9.413	ng/u1	99
34) Caprolactam	11.634	113	25172	6.846	ng/u1	97
35) 4-Chloro-3-methylphenol	11.963	107	89610	8.134	ng/u1	98
36) 2-Methylnaphthalene	12.334	142	221064	8.860	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	222358	8.881	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	106666	9.767	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	37377	5.991	ng/ul	97
41) 2,4,6-Trichlorophenol	12.946	196	63505	8.687	ng/ul	100
42) 2,4,5-Trichlorophenol	13.016	196	66498	8.350	ng/ul	97
43) 1,1'-Biphenyl	13.346	154	283728	10.186	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	225016	10.218	ng/ul	99
45) 2-Nitroaniline	13.598	65	42516	7.909	ng/ul	98
47) Dimethylphthalate	13.969	163	261836	9.277	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	35309	6.419	ng/ul	90
50) Acenaphthylene	14.234	152	340331	9.981	ng/ul	99
51) 3-Nitroaniline	14.428	138	40857	6.409	ng/ul	93
52) Acenaphthene	14.575	153	245476	10.204	ng/ul	100
53) 2,4-Dinitrophenol	14.634	184	18735	5.024	ng/ul	95
55) 4-Nitrophenol	14.734	109	31805	8.448	ng/ul	96
56) Dibenzofuran	14.910	168	334133	10.141	ng/ul	99
57) 2,4-Dinitrotoluene	14.881	165	60754	7.557	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.140	232	56911	8.226	ng/ul	99
59) Diethylphthalate	15.334	149	250725	8.868	ng/ul	98
61) Fluorene	15.563	166	271306	10.053	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.557	204	123975	9.280	ng/ul	99
63) 4-Nitroaniline	15.592	138	39338	6.466	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.645	198	33774	6.793	ng/ul#	98
67) N-Nitrosodiphenylamine	15.775	169	221709	9.693	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	69645	8.830	ng/ul	98
69) Hexachlorobenzene	16.569	284	81807	9.115	ng/ul	98
70) Atrazine	16.728	200	63119	7.648	ng/ul	97
71) Pentachlorophenol	16.916	266	42836	7.257	ng/ul	98
72) Phenanthrene	17.310	178	436977	10.255	ng/ul	99
74) Anthracene	17.404	178	433290	10.106	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	105982	9.903	ng/uL	99
76) Pentachlorobenzene	14.828	250	108464	9.484	ng/uL	98
77) Carbazole	17.675	167	388508	10.029	ng/ul	99
78) Di-n-butylphthalate	18.228	149	403161	8.499	ng/ul	100
80) Fluoranthene	19.281	202	480920	9.330	ng/ul	99
82) Pyrene	19.633	202	530698	9.889	ng/ul	98
83) Butylbenzylphthalate	20.504	149	180544	7.784	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	158255	8.266	ng/ul	97
85) Benzo(a)anthracene	21.339	228	526832	9.687	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.263	149	264862	7.581	ng/ul	99
87) Chrysene	21.392	228	512441	10.040	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	464291	8.192	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	552383	9.742	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	541112	9.910	ng/ul	98
93) Benzo(a)pyrene	23.669	252	495573	9.794	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.304	276	622346	9.663	ng/ul	99
95) Dibenzo(a,h)anthracene	26.321	278	560778	9.801	ng/ul	99
96) Benzo(g,h,i)perylene	27.074	276	556577	9.747	ng/ul	99

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

