

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
 Data File : BP009886.D
 Acq On : 16 Apr 2022 05:39
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020755

Quant Time: Apr 18 01:09:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 00:59:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	135944	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	619338	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	439131	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	997243	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.422	240	1040964	20.000	ng/ul	# 0.00
88) Perylene-d12	23.880	264	993893	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	24018	7.885	ng/uL	0.00
4) Pyridine-d5	3.793	84	167691	19.967	ng/ul	0.00
7) Phenol-d5	7.111	99	241250	20.214	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	148339	20.877	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	184714	20.517	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	205521	20.628	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	100220	22.440	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	109767	22.417	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	210918	20.585	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	315676	21.631	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	701822	20.346	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	851904	20.846	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	126529	20.226	ng/ul	0.00
60) Fluorene-d10	15.581	176	599133	20.647	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	115892	19.617	ng/ul	0.00
73) Anthracene-d10	17.439	188	966751	20.247	ng/ul	0.00
81) Pyrene-d10	19.669	212	1174129	20.652	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1086234	20.987	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	23613	7.604	ng/uL#	30
5) Pyridine	3.817	79	174964	19.967	ng/ul#	48
6) Benzaldehyde	7.087	77	40751m	5.567	ng/ul	
8) Phenol	7.134	94	241966	20.254	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.375	93	196287	21.093	ng/ul#	81
12) 2-Chlorophenol	7.516	128	187437	20.651	ng/ul	94
13) 2-Methylphenol	8.393	108	186846	20.057	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.493	45	283996	20.646	ng/ul#	83
16) Acetophenone	8.775	105	327339	20.853	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.763	70	168644	20.722	ng/ul#	73
18) 4-Methylphenol	8.722	108	210838	20.899	ng/ul	95
19) Hexachloroethane	9.046	117	78319	20.438	ng/ul	83
22) Nitrobenzene	9.158	77	245435	21.409	ng/ul#	83
23) Isophorone	9.687	82	476814	20.185	ng/ul#	96
25) 2-Nitrophenol	9.869	139	117754	22.548	ng/ul#	88
26) 2,4-Dimethylphenol	9.928	107	251878	20.324	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.169	93	283330	20.429	ng/ul#	98
29) 2,4-Dichlorophenol	10.405	162	207417	20.880	ng/ul#	82
30) Naphthalene	10.810	128	661268	20.760	ng/ul	96
32) 4-Chloroaniline	10.916	127	318199	22.033	ng/ul	98
33) Hexachlorobutadiene	11.110	225	145777	20.376	ng/ul	94
34) Caprolactam	11.681	113	69453m	21.142	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	250373	20.801	ng/ul#	69
36) 2-Methylnaphthalene	12.422	142	480018	20.628	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	485503	20.663	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.787	216	280093	20.848	ng/ul#	94
40) Hexachlorocyclopentadiene	12.775	237	182388	19.563	ng/ul	95
41) 2,4,6-Trichlorophenol	13.022	196	184221	21.471	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.093	196	199625	21.529	ng/ul#	86
43) 1,1'-Biphenyl	13.422	154	667423	20.830	ng/ul	93
44) 2-Chloronaphthalene	13.463	162	517225	21.001	ng/ul	93
45) 2-Nitroaniline	13.657	65	168031	23.280	ng/ul#	82
47) Dimethylphthalate	14.040	163	681264	20.520	ng/ul#	93
48) 2,6-Dinitrotoluene	14.157	165	137145	22.458	ng/ul	94
50) Acenaphthylene	14.310	152	851054	21.103	ng/ul	95
51) 3-Nitroaniline	14.481	138	98105	15.453	ng/ul#	80
52) Acenaphthene	14.651	153	549558	20.812	ng/ul	98
53) 2,4-Dinitrophenol	14.687	184	68914	18.669	ng/ul#	84
55) 4-Nitrophenol	14.781	109	114711	19.920	ng/ul#	54
56) Dibenzofuran	14.987	168	808815	20.812	ng/ul	98
57) 2,4-Dinitrotoluene	14.940	165	205055	22.867	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.210	232	180556	21.357	ng/ul#	87
59) Diethylphthalate	15.404	149	688778	20.046	ng/ul	94
61) Fluorene	15.634	166	663173	20.718	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.628	204	351271	20.638	ng/ul	97
63) 4-Nitroaniline	15.645	138	88902m	13.981	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	114455	19.491	ng/ul#	89
67) N-Nitrosodiphenylamine	15.840	169	577928	20.245	ng/ul	95
68) 4-Bromophenyl-phenylether	16.528	248	215298	19.945	ng/ul	93
69) Hexachlorobenzene	16.645	284	248789	20.043	ng/ul#	89
70) Atrazine	16.792	200	225374	19.127	ng/ul#	89
71) Pentachlorophenol	16.987	266	159233	18.952	ng/ul#	81
72) Phenanthrene	17.381	178	1080850	20.305	ng/ul	99
74) Anthracene	17.475	178	1101759	20.415	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	298110	20.676	ng/uL#	88
76) Pentachlorobenzene	14.910	250	290053	20.639	ng/uL	92
77) Carbazole	17.739	167	973360	19.957	ng/ul#	95
78) Di-n-butylphthalate	18.292	149	1176119	19.610	ng/ul#	93
80) Fluoranthene	19.339	202	1331953	20.354	ng/ul	96
82) Pyrene	19.698	202	1357892	20.466	ng/ul#	93
83) Butylbenzylphthalate	20.563	149	555813	20.421	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.333	252	375262	16.917	ng/ul#	96
85) Benzo(a)anthracene	21.404	228	1376658	20.861	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.328	149	804285	19.645	ng/ul#	81
87) Chrysene	21.457	228	1312170	20.609	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	1367499	19.638	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1396865	21.154	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1251436	20.768	ng/ul	98
93) Benzo(a)pyrene	23.774	252	1285793	21.006	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.457	276	1327813	20.745	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.474	278	1146680	20.660	ng/ul#	97
96) Benzo(g,h,i)perylene	27.251	276	1085461	20.567	ng/ul#	93

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

