

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111824\
 Data File : BP023200.D
 Acq On : 18 Nov 2024 16:41
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020727

Quant Time: Nov 18 17:44:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	59036	20.000	ng/u1	0.00
20) Naphthalene-d8	10.322	136	228131	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.198	164	194236	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	518117	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.427	240	614772	20.000	ng/u1	-0.02
88) Perylene-d12	24.651	264	751613	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	11368	9.256	ng/uL	0.00
4) Pyridine-d5	3.546	84	78702	21.568	ng/u1	0.00
7) Phenol-d5	6.781	99	88136	20.193	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	54304	21.177	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	67248	21.037	ng/u1	0.00
15) 4-Methylphenol-d8	8.287	113	73877	20.568	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	34587	21.778	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	40172	21.217	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.969	165	87537	22.077	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	100972	21.345	ng/u1	0.00
46) Dimethylphthalate-d6	13.592	166	299890	21.422	ng/u1	-0.02
49) Acenaphthylene-d8	13.887	160	321722	22.025	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.463	143	31996	15.209	ng/u1	0.01
60) Fluorene-d10	15.210	176	274812	22.390	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	57822	18.630	ng/u1	0.00
73) Anthracene-d10	17.098	188	485323	22.123	ng/u1	-0.02
81) Pyrene-d10	19.486	212	645942	22.811	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.427	264	819252	22.883	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	12583	8.867	ng/uL	91
5) Pyridine	3.564	79	78113	21.315	ng/u1	97
6) Benzaldehyde	6.746	77	61410m	24.449	ng/u1	
8) Phenol	6.810	94	95198	20.887	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.010	93	70917	20.706	ng/u1	97
12) 2-Chlorophenol	7.157	128	70246	21.166	ng/u1	98
13) 2-Methylphenol	8.022	108	68858	20.239	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.081	45	85961	22.171	ng/u1	95
16) Acetophenone	8.381	105	125989	20.874	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.363	70	66277	21.992	ng/u1	96
18) 4-Methylphenol	8.346	108	78242	20.821	ng/u1	97
19) Hexachloroethane	8.616	117	32688	20.365	ng/u1	92
22) Nitrobenzene	8.757	77	103318	22.672	ng/u1	96
23) Isophorone	9.275	82	179553	22.035	ng/u1	97
25) 2-Nitrophenol	9.451	139	42897	21.465	ng/u1	97
26) 2,4-Dimethylphenol	9.522	107	94599	21.921	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.746	93	102174	22.789	ng/u1	95
29) 2,4-Dichlorophenol	9.999	162	86177	21.942	ng/u1	94
30) Naphthalene	10.363	128	239662	21.624	ng/u1	99
32) 4-Chloroaniline	10.499	127	96929	21.150	ng/u1	98
33) Hexachlorobutadiene	10.640	225	76681	21.578	ng/u1	100
34) Caprolactam	11.293	113	24365m	20.857	ng/u1	
35) 4-Chloro-3-methylphenol	11.640	107	95637	22.635	ng/u1	96
36) 2-Methylnaphthalene	11.987	142	184245	22.020	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.198	142	189277	22.128	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.363	216	140055	21.358	ng/ul	96
40) Hexachlorocyclopentadiene	12.328	237	57602	16.724	ng/ul	99
41) 2,4,6-Trichlorophenol	12.616	196	87033	21.797	ng/ul	96
42) 2,4,5-Trichlorophenol	12.704	196	93231	21.658	ng/ul	97
43) 1,1'-Biphenyl	13.004	154	274338	22.042	ng/ul	99
44) 2-Chloronaphthalene	13.051	162	218226	21.449	ng/ul	98
45) 2-Nitroaniline	13.281	65	66949	23.435	ng/ul	96
47) Dimethylphthalate	13.640	163	292474	21.184	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	57704	21.487	ng/ul	92
50) Acenaphthylene	13.910	152	330724	22.399	ng/ul	99
51) 3-Nitroaniline	14.134	138	51739	22.368	ng/ul#	99
52) Acenaphthene	14.257	153	238812	22.278	ng/ul	99
53) 2,4-Dinitrophenol	14.357	184	28237	14.818	ng/ul	94
55) 4-Nitrophenol	14.481	109	34666	14.084	ng/ul	94
56) Dibenzofuran	14.604	168	373251	22.536	ng/ul	97
57) 2,4-Dinitrotoluene	14.592	165	99313	23.203	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.851	232	93847	22.303	ng/ul	99
59) Diethylphthalate	15.028	149	301353	22.070	ng/ul	99
61) Fluorene	15.269	166	299624	22.103	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.257	204	175448	21.981	ng/ul	99
63) 4-Nitroaniline	15.316	138	50241	23.342	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.375	198	62802	18.942	ng/ul	96
67) N-Nitrosodiphenylamine	15.481	169	267128	22.312	ng/ul	99
68) 4-Bromophenyl-phenylether	16.169	248	126870	21.624	ng/ul	98
69) Hexachlorobenzene	16.292	284	154873	20.968	ng/ul	98
70) Atrazine	16.457	200	116985	20.214	ng/ul	98
71) Pentachlorophenol	16.663	266	97166	21.189	ng/ul	98
72) Phenanthrene	17.045	178	541382	22.131	ng/ul	98
74) Anthracene	17.133	178	542207	22.045	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.969	216	144700	21.153	ng/ul	99
76) Pentachlorobenzene	14.522	250	167708	21.471	ng/ul	98
77) Carbazole	17.433	167	481687	22.448	ng/ul	99
78) Di-n-butylphthalate	18.010	149	536478	22.530	ng/ul	99
80) Fluoranthene	19.145	202	731977	22.438	ng/ul	100
82) Pyrene	19.516	202	836847	23.879	ng/ul	99
83) Butylbenzylphthalate	20.463	149	261950	22.703	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.339	252	291447	21.120	ng/ul	98
85) Benzo(a)anthracene	21.410	228	860741	22.929	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	371769	22.673	ng/ul	99
87) Chrysene	21.474	228	827334	23.423	ng/ul	98
89) Di-n-octyl phthalate	22.557	149	649815	21.310	ng/ul	100
90) Benzo(b)fluoranthene	23.627	252	936347	22.382	ng/ul	99
91) Benzo(k)fluoranthene	23.704	252	938787	22.795	ng/ul#	98
93) Benzo(a)pyrene	24.498	252	863915	22.844	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.280	276	1118978	21.237	ng/ul	98
95) Dibenzo(a,h)anthracene	28.339	278	907906m	21.222	ng/ul	
96) Benzo(g,h,i)perylene	29.427	276	866622m	21.655	ng/ul	

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

