

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
 Data File : BP020404.D
 Acq On : 15 May 2024 17:42
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020653

Quant Time: May 15 23:18:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 14 23:58:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	93951	20.000	ng/u1	0.00
20) Naphthalene-d8	10.357	136	402822	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	291580	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	679787	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	666837	20.000	ng/u1	0.00
88) Perylene-d12	24.957	264	748634	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	16771	7.539	ng/uL	0.00
4) Pyridine-d5	3.593	84	116530	18.028	ng/u1	0.00
7) Phenol-d5	6.781	99	151200	18.740	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	89030	18.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	113975	19.760	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	122366	18.759	ng/u1	-0.01
21) Nitrobenzene-d5	8.752	128	60445	20.038	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	68584	19.855	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	130443	20.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	167424	18.977	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	426591	20.034	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	460088	19.560	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	51636	15.778	ng/u1	-0.01
60) Fluorene-d10	15.292	176	355295	20.005	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	78028	18.088	ng/u1	0.00
73) Anthracene-d10	17.222	188	580550	19.741	ng/u1	0.00
81) Pyrene-d10	19.622	212	710551	18.229	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.733	264	698346	19.293	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	18236	7.224	ng/uL	98
5) Pyridine	3.611	79	115068	17.600	ng/u1	98
6) Benzaldehyde	6.763	77	84990	20.957	ng/u1	98
8) Phenol	6.805	94	153527	18.436	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.034	93	122580	18.811	ng/u1	98
12) 2-Chlorophenol	7.158	128	121365	20.153	ng/u1	97
13) 2-Methylphenol	8.034	108	117157	18.860	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.105	45	146357	18.005	ng/u1	97
16) Acetophenone	8.416	105	201802	18.640	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.393	70	107416	18.283	ng/u1	98
18) 4-Methylphenol	8.363	108	129398	19.165	ng/u1	97
19) Hexachloroethane	8.634	117	52942	19.224	ng/u1	89
22) Nitrobenzene	8.793	77	160706	18.559	ng/u1	98
23) Isophorone	9.310	82	304979	18.316	ng/u1	98
25) 2-Nitrophenol	9.493	139	72366	20.225	ng/u1	97
26) 2,4-Dimethylphenol	9.552	107	147148	18.850	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.793	93	171665	18.597	ng/u1	98
29) 2,4-Dichlorophenol	10.028	162	125016	20.389	ng/u1	98
30) Naphthalene	10.410	128	403267	19.422	ng/u1	100
32) 4-Chloroaniline	10.546	127	162629	18.851	ng/u1	99
33) Hexachlorobutadiene	10.669	225	97266	20.424	ng/u1	98
34) Caprolactam	11.375	113	42391	19.801	ng/u1	86
35) 4-Chloro-3-methylphenol	11.687	107	148768	19.487	ng/u1	98
36) 2-Methylnaphthalene	12.040	142	289051	20.008	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	289027	19.881	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.410	216	181823	19.995	ng/ul	99
40) Hexachlorocyclopentadiene	12.369	237	69648	14.083	ng/ul	98
41) 2,4,6-Trichlorophenol	12.675	196	112694	19.761	ng/ul	96
42) 2,4,5-Trichlorophenol	12.757	196	118391	19.293	ng/ul	92
43) 1,1'-Biphenyl	13.075	154	389443	18.884	ng/ul	100
44) 2-Chloronaphthalene	13.116	162	318738	19.477	ng/ul	100
45) 2-Nitroaniline	13.357	65	98628	18.170	ng/ul	99
47) Dimethylphthalate	13.734	163	426649	19.837	ng/ul	98
48) 2,6-Dinitrotoluene	13.875	165	87589	20.485	ng/ul	98
50) Acenaphthylene	13.981	152	515623	19.490	ng/ul	99
51) 3-Nitroaniline	14.216	138	76449	19.170	ng/ul	94
52) Acenaphthene	14.328	153	345854	19.453	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	45897	17.488	ng/ul#	88
55) 4-Nitrophenol	14.551	109	74263	21.796	ng/ul	95
56) Dibenzofuran	14.681	168	480105	19.634	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	132544	21.562	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.922	232	117052	21.242	ng/ul	95
59) Diethylphthalate	15.134	149	432787	20.158	ng/ul	98
61) Fluorene	15.345	166	414026	20.378	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.351	204	224927	20.868	ng/ul	94
63) 4-Nitroaniline	15.422	138	73880m	22.231	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	81946	18.218	ng/ul	95
67) N-Nitrosodiphenylamine	15.581	169	345935	18.277	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	144962	19.687	ng/ul	95
69) Hexachlorobenzene	16.381	284	171256	20.081	ng/ul	95
70) Atrazine	16.586	200	125555	18.707	ng/ul	99
71) Pentachlorophenol	16.763	266	96493	18.719	ng/ul	98
72) Phenanthrene	17.163	178	670252	19.325	ng/ul	99
74) Anthracene	17.257	178	677890	19.216	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	180379	17.854	ng/uL	98
76) Pentachlorobenzene	14.592	250	191464	18.937	ng/uL	99
77) Carbazole	17.557	167	593932	19.544	ng/ul	99
78) Di-n-butylphthalate	18.151	149	736931	20.006	ng/ul	99
80) Fluoranthene	19.275	202	834128	18.183	ng/ul	99
82) Pyrene	19.651	202	861132	18.042	ng/ul	99
83) Butylbenzylphthalate	20.627	149	344001	18.986	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.527	252	266078	19.606	ng/ul	99
85) Benzo(a)anthracene	21.592	228	872153	19.283	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	497865	19.047	ng/ul	97
87) Chrysene	21.657	228	810507	19.335	ng/ul	99
89) Di-n-octyl phthalate	22.827	149	843209	17.587	ng/ul	100
90) Benzo(b)fluoranthene	23.898	252	872686	19.596	ng/ul	99
91) Benzo(k)fluoranthene	23.968	252	856586	18.874	ng/ul	99
93) Benzo(a)pyrene	24.804	252	835420m	19.716	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.756	276	1008707m	19.419	ng/ul	
95) Dibenzo(a,h)anthracene	28.839	278	824804	19.197	ng/ul	98
96) Benzo(g,h,i)perylene	29.939	276	789050m	18.834	ng/ul	

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

