

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022783.D
 Acq On : 01 Nov 2024 00:28
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020693

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 01 02:05:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	86311	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.387	136	319107	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	258557	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.063	188	658030	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	703035	20.000	ng/u1	# 0.00
88) Perylene-d12	24.763	264	821583	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	16980	7.645	ng/uL	0.00
4) Pyridine-d5	3.587	84	121636	19.949	ng/u1	0.00
7) Phenol-d5	6.828	99	141655	19.497	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	82706	19.368	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	107058	20.767	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	112815	19.457	ng/u1	-0.01
21) Nitrobenzene-d5	8.775	128	51999	21.193	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	61417	21.621	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.022	165	134289	22.243	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.534	131	145532	20.400	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	424612	20.669	ng/u1	0.00
49) Acenaphthylene-d8	13.934	160	467438	21.423	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.498	143	64252	18.644	ng/u1	-0.01
60) Fluorene-d10	15.275	176	387235	21.732	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	78854	18.220	ng/u1	0.02
73) Anthracene-d10	17.163	188	658709	21.279	ng/u1	0.00
81) Pyrene-d10	19.551	212	829863	22.321	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	949035	21.630	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	18448	7.725	ng/uL	96
5) Pyridine	3.611	79	122765	19.636	ng/u1	97
6) Benzaldehyde	6.793	77	75510	19.232	ng/u1	95
8) Phenol	6.852	94	147977	19.576	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.064	93	112344	19.859	ng/u1	97
12) 2-Chlorophenol	7.205	128	110440	20.717	ng/u1	99
13) 2-Methylphenol	8.075	108	106081	19.338	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	125723	19.122	ng/u1	97
16) Acetophenone	8.446	105	189151	19.760	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.422	70	93735	19.328	ng/u1	100
18) 4-Methylphenol	8.399	108	117009	19.227	ng/u1	97
19) Hexachloroethane	8.681	117	53144	21.405	ng/u1	96
22) Nitrobenzene	8.816	77	149892	20.466	ng/u1	99
23) Isophorone	9.328	82	261719	19.931	ng/u1	99
25) 2-Nitrophenol	9.516	139	64593	21.099	ng/u1	94
26) 2,4-Dimethylphenol	9.581	107	143349	21.543	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.805	93	148095	19.862	ng/u1	99
29) 2,4-Dichlorophenol	10.052	162	130930	22.022	ng/u1	96
30) Naphthalene	10.434	128	359368	21.144	ng/u1	98
32) 4-Chloroaniline	10.557	127	142821	20.281	ng/u1	99
33) Hexachlorobutadiene	10.710	225	113289	22.608	ng/u1	99
34) Caprolactam	11.340	113	36576m	19.082	ng/u1	
35) 4-Chloro-3-methylphenol	11.693	107	141146	21.759	ng/u1	99
36) 2-Methylnaphthalene	12.046	142	270896	21.713	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	273261	21.459	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	210637	22.032	ng/ul	97
40) Hexachlorocyclopentadiene	12.399	237	110604	18.989	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	129068	21.463	ng/ul	98
42) 2,4,5-Trichlorophenol	12.757	196	138713	21.663	ng/ul	97
43) 1,1'-Biphenyl	13.075	154	391825	21.024	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	322639	21.148	ng/ul	97
45) 2-Nitroaniline	13.340	65	92830	20.378	ng/ul	97
47) Dimethylphthalate	13.716	163	415163	20.281	ng/ul	98
48) 2,6-Dinitrotoluene	13.840	165	84620	21.855	ng/ul	97
50) Acenaphthylene	13.963	152	482389	21.303	ng/ul	99
51) 3-Nitroaniline	14.181	138	70106	19.278	ng/ul#	98
52) Acenaphthene	14.316	153	336604	21.021	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	54250	19.044	ng/ul	96
55) 4-Nitrophenol	14.516	109	75749	19.804	ng/ul	85
56) Dibenzofuran	14.663	168	516757	21.484	ng/ul	100
57) 2,4-Dinitrotoluene	14.634	165	133142	22.129	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	135464	22.665	ng/ul	99
59) Diethylphthalate	15.104	149	415302	21.147	ng/ul	99
61) Fluorene	15.322	166	421588	21.511	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.310	204	248558	22.178	ng/ul	97
63) 4-Nitroaniline	15.369	138	73421m	20.064	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	87008	18.665	ng/ul	99
67) N-Nitrosodiphenylamine	15.540	169	370163	21.006	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	179581	22.631	ng/ul	96
69) Hexachlorobenzene	16.345	284	219943	22.518	ng/ul	98
70) Atrazine	16.528	200	159041	21.713	ng/ul	94
71) Pentachlorophenol	16.710	266	130228	20.736	ng/ul	98
72) Phenanthrene	17.104	178	742947	21.103	ng/ul	99
74) Anthracene	17.204	178	746133	21.238	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	209373	20.897	ng/uL	97
76) Pentachlorobenzene	14.581	250	240295	21.695	ng/uL	97
77) Carbazole	17.486	167	629971	20.265	ng/ul	99
78) Di-n-butylphthalate	18.069	149	743558	21.617	ng/ul	100
80) Fluoranthene	19.198	202	948546	22.193	ng/ul	98
82) Pyrene	19.580	202	1003670	21.910	ng/ul	97
83) Butylbenzylphthalate	20.528	149	343521	21.539	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.410	252	348790	20.812	ng/ul	99
85) Benzo(a)anthracene	21.480	228	1052403	21.353	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	496068	21.669	ng/ul	98
87) Chrysene	21.551	228	964084	21.096	ng/ul	99
89) Di-n-octyl phthalate	22.657	149	818710	20.950	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1092489	21.125	ng/ul#	98
91) Benzo(k)fluoranthene	23.792	252	1106603	21.856	ng/ul	99
93) Benzo(a)pyrene	24.610	252	1015509	21.336	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.474	276	1336077	21.035	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.539	278	1052945m	20.472	ng/ul	
96) Benzo(g,h,i)perylene	29.603	276	1005211	20.347	ng/ul	98

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

