

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022580.D
 Acq On : 24 Oct 2024 03:02
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020673

Quant Time: Oct 24 04:19:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	115547	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	437403	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	340812	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	854547	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	821994	20.000	ng/u1	0.02
88) Perylene-d12	24.780	264	927732	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	20043	6.741	ng/uL	0.00
4) Pyridine-d5	3.605	84	144654	17.721	ng/u1	0.00
7) Phenol-d5	6.851	99	188072	19.336	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	110904	19.400	ng/u1	0.00
11) 2-Chlorophenol-d4	7.204	132	143971	20.861	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	152118	19.597	ng/u1	0.00
21) Nitrobenzene-d5	8.798	128	71261	21.188	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	82839	21.275	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	174929	21.138	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	186135	19.035	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	531399	19.625	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	592075	20.587	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	88980	19.587	ng/u1	0.00
60) Fluorene-d10	15.275	176	471059	20.056	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	87852	15.631	ng/u1	0.00
73) Anthracene-d10	17.174	188	800956	19.924	ng/u1	0.00
81) Pyrene-d10	19.568	212	963982	22.177	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.562	264	990738	19.996	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	23005	7.196	ng/uL	98
5) Pyridine	3.628	79	146333	17.484	ng/u1	98
6) Benzaldehyde	6.822	77	87602	16.667	ng/u1	98
8) Phenol	6.881	94	192479	19.021	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.093	93	150783	19.909	ng/u1	99
12) 2-Chlorophenol	7.234	128	144036	20.182	ng/u1	97
13) 2-Methylphenol	8.104	108	144210	19.637	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.181	45	171995	19.541	ng/u1	98
16) Acetophenone	8.469	105	239026	18.652	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.451	70	124705	19.208	ng/u1	95
18) 4-Methylphenol	8.422	108	152449	18.712	ng/u1	98
19) Hexachloroethane	8.716	117	64797	19.495	ng/u1	100
22) Nitrobenzene	8.840	77	194554	19.380	ng/u1	98
23) Isophorone	9.363	82	347694	19.317	ng/u1	98
25) 2-Nitrophenol	9.540	139	85367	20.343	ng/u1	99
26) 2,4-Dimethylphenol	9.604	107	179531	19.683	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.828	93	204483	20.008	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	167534	20.557	ng/u1	98
30) Naphthalene	10.463	128	473716	20.333	ng/u1	98
32) 4-Chloroaniline	10.575	127	183756	19.037	ng/u1	98
33) Hexachlorobutadiene	10.745	225	137192	19.974	ng/u1	99
34) Caprolactam	11.357	113	48277	18.375	ng/u1	82
35) 4-Chloro-3-methylphenol	11.710	107	180728	20.326	ng/u1	98
36) 2-Methylnaphthalene	12.075	142	343435	20.082	ng/u1	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	352236	20.180	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.445	216	253919	20.149	ng/ul	97
40) Hexachlorocyclopentadiene	12.422	237	94547	12.314	ng/ul	100
41) 2,4,6-Trichlorophenol	12.692	196	158346	19.976	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	173804	20.592	ng/ul	97
43) 1,1'-Biphenyl	13.092	154	488441	19.883	ng/ul	100
44) 2-Chloronaphthalene	13.133	162	410863	20.431	ng/ul	99
45) 2-Nitroaniline	13.351	65	119165	19.845	ng/ul	94
47) Dimethylphthalate	13.728	163	535218	19.836	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	109741	21.503	ng/ul	97
50) Acenaphthylene	13.986	152	630366	21.119	ng/ul	99
51) 3-Nitroaniline	14.180	138	96593	20.151	ng/ul	98
52) Acenaphthene	14.339	153	422897	20.036	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	58218	15.504	ng/ul	97
55) 4-Nitrophenol	14.510	109	94118	18.667	ng/ul	99
56) Dibenzofuran	14.675	168	635736	20.051	ng/ul	100
57) 2,4-Dinitrotoluene	14.651	165	168539	21.252	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	163312	20.730	ng/ul#	98
59) Diethylphthalate	15.104	149	522951	20.202	ng/ul	98
61) Fluorene	15.339	166	532666	20.619	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	303886	20.570	ng/ul	99
63) 4-Nitroaniline	15.369	138	107348	22.256	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.433	198	93019	15.366	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	446626	19.517	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	210205	20.398	ng/ul	96
69) Hexachlorobenzene	16.369	284	254845	20.091	ng/ul	98
70) Atrazine	16.527	200	161305	16.958	ng/ul	94
71) Pentachlorophenol	16.733	266	151218	18.541	ng/ul	97
72) Phenanthrene	17.121	178	899106	19.666	ng/ul	99
74) Anthracene	17.210	178	933357	20.457	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	252380	19.397	ng/uL	97
76) Pentachlorobenzene	14.592	250	277958	19.324	ng/uL	98
77) Carbazole	17.498	167	797849	19.763	ng/ul	99
78) Di-n-butylphthalate	18.086	149	946995	21.200	ng/ul	100
80) Fluoranthene	19.215	202	1158880	23.190	ng/ul	100
82) Pyrene	19.598	202	1189743	22.213	ng/ul	99
83) Butylbenzylphthalate	20.539	149	430802	23.102	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.415	252	341573	17.432	ng/ul	97
85) Benzo(a)anthracene	21.498	228	1181536	20.504	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	619686	23.151	ng/ul	98
87) Chrysene	21.557	228	1080521	20.223	ng/ul	100
89) Di-n-octyl phthalate	22.668	149	1002381	22.715	ng/ul	100
90) Benzo(b)fluoranthene	23.751	252	1191907	20.410	ng/ul	99
91) Benzo(k)fluoranthene	23.815	252	1177268	20.591	ng/ul	99
93) Benzo(a)pyrene	24.633	252	1100739	20.480	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.480	276	1392740m	19.419	ng/ul	
95) Dibenzo(a,h)anthracene	28.550	278	1136104	19.562	ng/ul	97
96) Benzo(g,h,i)perylene	29.627	276	1116744m	20.018	ng/ul	

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