

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021215.D
 Acq On : 29 Jul 2024 19:18
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020712

Quant Time: Jul 29 22:52:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 09/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	179947	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	714135	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.275	164	466192	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1003335	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	972189	20.000	ng/u1	0.01
88) Perylene-d12	24.845	264	1143166	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	30571	7.731	ng/uL	0.00
4) Pyridine-d5	3.593	84	206930	18.075	ng/u1	0.00
7) Phenol-d5	6.852	99	266861	18.190	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	163893	18.434	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	228953	18.942	ng/u1	0.01
15) 4-Methylphenol-d8	8.369	113	213091	17.489	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	108212	19.509	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	119791	18.869	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	219473	19.118	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	291013	19.135	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	652844	19.264	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	741706	19.491	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	115313	23.915	ng/u1	0.01
60) Fluorene-d10	15.292	176	548546	19.730	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	110946	18.276	ng/u1	0.00
73) Anthracene-d10	17.192	188	876037	19.658	ng/u1	0.00
81) Pyrene-d10	19.586	212	1045496	17.395	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.615	264	1100708	19.523	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	34640	7.965	ng/uL	98
5) Pyridine	3.611	79	219758	18.611	ng/u1	95
6) Benzaldehyde	6.810	77	167958	22.709	ng/u1	99
8) Phenol	6.881	94	272990	18.389	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.075	93	224515	18.308	ng/u1	98
12) 2-Chlorophenol	7.222	128	226431	18.691	ng/u1	100
13) 2-Methylphenol	8.099	108	210619	18.345	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.157	45	334834	18.899	ng/u1	98
16) Acetophenone	8.457	105	339632	18.060	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.428	70	171594	17.414	ng/u1	99
18) 4-Methylphenol	8.434	108	221794	18.033	ng/u1	94
19) Hexachloroethane	8.681	117	102149	18.764	ng/u1	96
22) Nitrobenzene	8.834	77	259781	19.551	ng/u1	98
23) Isophorone	9.352	82	479815	18.164	ng/u1	98
25) 2-Nitrophenol	9.534	139	128801	19.453	ng/u1	98
26) 2,4-Dimethylphenol	9.604	107	251818	19.287	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	298538	18.593	ng/u1	99
29) 2,4-Dichlorophenol	10.093	162	219444	19.396	ng/u1	97
30) Naphthalene	10.457	128	734264	19.547	ng/u1	99
32) 4-Chloroaniline	10.581	127	281109	19.357	ng/u1	98
33) Hexachlorobutadiene	10.710	225	161954	19.091	ng/u1	100
34) Caprolactam	11.404	113	65474m	18.786	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	233191	18.962	ng/u1	97
36) 2-Methylnaphthalene	12.069	142	487984	18.925	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	499871	18.849	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	292052	19.290	ng/ul	97
40) Hexachlorocyclopentadiene	12.398	237	152372	19.239	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	174709	18.262	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	184720	18.250	ng/ul	99
43) 1,1'-Biphenyl	13.092	154	646562	18.977	ng/ul	100
44) 2-Chloronaphthalene	13.134	162	519998	19.118	ng/ul	99
45) 2-Nitroaniline	13.381	65	147628	19.627	ng/ul	95
47) Dimethylphthalate	13.728	163	670894	19.510	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	129654	18.859	ng/ul	98
50) Acenaphthylene	13.998	152	826918	19.193	ng/ul	99
51) 3-Nitroaniline	14.228	138	123284	20.607	ng/ul	98
52) Acenaphthene	14.339	153	553391	19.352	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	80508	22.299	ng/ul	99
55) 4-Nitrophenol	14.598	109	78904	20.117	ng/ul#	77
56) Dibenzofuran	14.687	168	767849	19.608	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	196589	20.831	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.934	232	161919	18.681	ng/ul	99
59) Diethylphthalate	15.122	149	677653	19.719	ng/ul	98
61) Fluorene	15.345	166	622227	19.472	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.339	204	331834	19.137	ng/ul	98
63) 4-Nitroaniline	15.410	138	118376	23.894	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.486	198	113224	17.587	ng/ul	99
67) N-Nitrosodiphenylamine	15.575	169	538656	18.436	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	212266	18.049	ng/ul	98
69) Hexachlorobenzene	16.375	284	255840	18.973	ng/ul	97
70) Atrazine	16.557	200	211816	19.892	ng/ul	99
71) Pentachlorophenol	16.745	266	156044	21.307	ng/ul	93
72) Phenanthrene	17.133	178	1006041	19.329	ng/ul	100
74) Anthracene	17.228	178	1026603	19.347	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	288654	17.975	ng/uL	98
76) Pentachlorobenzene	14.604	250	290380	18.197	ng/uL	99
77) Carbazole	17.528	167	912911	21.046	ng/ul	100
78) Di-n-butylphthalate	18.092	149	1162292	19.422	ng/ul	100
80) Fluoranthene	19.239	202	1238566	17.064	ng/ul	98
82) Pyrene	19.616	202	1292009	17.492	ng/ul	99
83) Butylbenzylphthalate	20.551	149	533594	17.339	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.445	252	457654	20.601	ng/ul	98
85) Benzo(a)anthracene	21.521	228	1306270	19.181	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	764970	17.273	ng/ul	100
87) Chrysene	21.592	228	1236204	19.535	ng/ul	100
89) Di-n-octyl phthalate	22.686	149	1315558	17.420	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1311389	18.903	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	1345522	19.435	ng/ul	99
93) Benzo(a)pyrene	24.698	252	1268315	19.347	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.621	276	1600028	18.941	ng/ul	100
95) Dibenzo(a,h)anthracene	28.668	278	1318225	18.845	ng/ul	99
96) Benzo(g,h,i)perylene	29.780	276	1298052m	18.868	ng/ul	

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

