

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021392.D
 Acq On : 06 Aug 2024 15:24
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020730

Quant Time: Aug 06 23:31:15 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 08/07/2024
 Supervised By :mohammad ahmed 08/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	129938	20.000	ng/u1	-0.04
20) Naphthalene-d8	10.363	136	536258	20.000	ng/u1	-0.03
38) Acenaphthene-d10	14.251	164	360423	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.087	188	790410	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	844905	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1036831m	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	23466	8.218	ng/uL	-0.03
4) Pyridine-d5	3.570	84	167566	20.270	ng/u1	-0.02
7) Phenol-d5	6.822	99	199667	18.848	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.952	67	126317	19.676	ng/u1	-0.03
11) 2-Chlorophenol-d4	7.152	132	170236	19.504	ng/u1	-0.03
15) 4-Methylphenol-d8	8.340	113	157747	17.929	ng/u1	-0.02
21) Nitrobenzene-d5	8.769	128	79244	19.025	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.481	143	91780	19.252	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.034	165	161095	18.688	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.540	131	228734	20.029	ng/u1	-0.02
46) Dimethylphthalate-d6	13.675	166	514588	19.640	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	580620	19.736	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.587	143	91047	24.424	ng/u1	0.00
60) Fluorene-d10	15.275	176	433661	20.175	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	78280	16.368	ng/u1	0.00
73) Anthracene-d10	17.192	188	700220	19.946	ng/u1	0.00
81) Pyrene-d10	19.580	212	868652	16.630	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	983054	19.224	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	27546	8.771	ng/uL	98
5) Pyridine	3.593	79	170174	19.958	ng/u1	97
6) Benzaldehyde	6.781	77	130415m	24.419	ng/u1	
8) Phenol	6.852	94	208045	19.408	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.040	93	165657	18.707	ng/u1	98
12) 2-Chlorophenol	7.187	128	169648	19.393	ng/u1	97
13) 2-Methylphenol	8.069	108	158040	19.063	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.111	45	249677	19.516	ng/u1#	93
16) Acetophenone	8.428	105	266102	19.596	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.399	70	132524	18.626	ng/u1	98
18) 4-Methylphenol	8.410	108	170548	19.203	ng/u1	99
19) Hexachloroethane	8.640	117	72379	18.412	ng/u1	98
22) Nitrobenzene	8.805	77	203782	20.424	ng/u1	97
23) Isophorone	9.316	82	370144	18.661	ng/u1	99
25) 2-Nitrophenol	9.510	139	95736	19.255	ng/u1	97
26) 2,4-Dimethylphenol	9.581	107	195863	19.977	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.799	93	223702	18.554	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	163576	19.254	ng/u1	99
30) Naphthalene	10.410	128	555521	19.694	ng/u1	99
32) 4-Chloroaniline	10.569	127	221707	20.331	ng/u1	99
33) Hexachlorobutadiene	10.669	225	119559	18.769	ng/u1	98
34) Caprolactam	11.404	113	63571m	24.290	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	184656	19.996	ng/u1	98
36) 2-Methylnaphthalene	12.046	142	373089	19.268	ng/u1	99

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QLast Update : Mon Jul 29 12:46:18 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	391133	19.641	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.428	216	221669	18.938	ng/ul	97
40) Hexachlorocyclopentadiene	12.357	237	96151	15.703	ng/ul	98
41) 2,4,6-Trichlorophenol	12.693	196	137188	18.548	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	144146	18.420	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	504349	19.147	ng/ul	99
44) 2-Chloronaphthalene	13.116	162	404171	19.221	ng/ul	99
45) 2-Nitroaniline	13.369	65	121351	20.868	ng/ul	93
47) Dimethylphthalate	13.716	163	512459	19.276	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	101329	19.064	ng/ul	99
50) Acenaphthylene	13.981	152	661513	19.859	ng/ul	99
51) 3-Nitroaniline	14.228	138	101353	21.913	ng/ul	94
52) Acenaphthene	14.322	153	440284	19.915	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	58656	21.014	ng/ul	98
55) 4-Nitrophenol	14.616	109	77555	25.576	ng/ul	98
56) Dibenzofuran	14.675	168	617854	20.408	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	155509	21.314	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.922	232	134264	20.036	ng/ul#	97
59) Diethylphthalate	15.104	149	513802	19.339	ng/ul	99
61) Fluorene	15.334	166	501687	20.307	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	260236	19.412	ng/ul	96
63) 4-Nitroaniline	15.422	138	96579	25.215	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.492	198	85107	16.781	ng/ul#	93
67) N-Nitrosodiphenylamine	15.557	169	428370	18.611	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	165897	17.907	ng/ul	99
69) Hexachlorobenzene	16.363	284	196492	18.497	ng/ul	98
70) Atrazine	16.551	200	164331	19.590	ng/ul	96
71) Pentachlorophenol	16.757	266	101587	17.608	ng/ul	98
72) Phenanthrene	17.128	178	825791	20.140	ng/ul	100
74) Anthracene	17.222	178	834905	19.973	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	219699	17.366	ng/uL	97
76) Pentachlorobenzene	14.581	250	224100	17.827	ng/uL	98
77) Carbazole	17.539	167	741579	21.702	ng/ul	100
78) Di-n-butylphthalate	18.086	149	882572	18.720	ng/ul	100
80) Fluoranthene	19.228	202	1020151	16.172	ng/ul	98
82) Pyrene	19.610	202	1063670	16.570	ng/ul	99
83) Butylbenzylphthalate	20.545	149	428260	16.013	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	357158	18.499	ng/ul	98
85) Benzo(a)anthracene	21.522	228	1147365	19.386	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	600379	15.599	ng/ul	99
87) Chrysene	21.586	228	1084175	19.714	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1071856	15.649	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1173773	18.655	ng/ul	98
91) Benzo(k)fluoranthene	23.851	252	1204642	19.184	ng/ul	99
93) Benzo(a)pyrene	24.680	252	1143051	19.224	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.592	276	1450498	18.932	ng/ul	98
95) Dibenzo(a,h)anthracene	28.639	278	1206746	19.020	ng/ul	99
96) Benzo(g,h,i)perylene	29.751	276	1175364m	18.836	ng/ul	

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

