

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021293.D
 Acq On : 01 Aug 2024 17:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020720

Quant Time: Aug 01 18:05:29 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 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	135797	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	537071	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.269	164	346220	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	735015	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	813816	20.000	ng/u1	# 0.01
88) Perylene-d12	24.839	264	1020465m	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	21622	7.246	ng/uL	-0.01
4) Pyridine-d5	3.587	84	143368	16.595	ng/u1	0.00
7) Phenol-d5	6.846	99	188417	17.019	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	105889	15.782	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	166691	18.274	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	151600	16.487	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	77835	18.659	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	92552	19.385	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	164072	19.004	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	213947	18.706	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	466069	18.518	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	539951	19.106	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	82737	23.105	ng/u1	0.00
60) Fluorene-d10	15.286	176	405589	19.643	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	78066	17.554	ng/u1	0.00
73) Anthracene-d10	17.204	188	622168	19.058	ng/u1	0.01
81) Pyrene-d10	19.592	212	766227	15.229	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.621	264	941572	18.708	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	24184	7.369	ng/uL	95
5) Pyridine	3.605	79	149685	16.798	ng/u1	99
6) Benzaldehyde	6.799	77	112943	20.235	ng/u1	98
8) Phenol	6.875	94	188647	16.839	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.063	93	150764	16.291	ng/u1	94
12) 2-Chlorophenol	7.210	128	163862	17.924	ng/u1	96
13) 2-Methylphenol	8.093	108	145551	16.799	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	185340	13.862	ng/u1#	90
16) Acetophenone	8.452	105	241712	17.032	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	112257	15.096	ng/u1#	95
18) 4-Methylphenol	8.428	108	156255m	16.834	ng/u1	
19) Hexachloroethane	8.675	117	69782	16.986	ng/u1	86
22) Nitrobenzene	8.828	77	174490	17.462	ng/u1	97
23) Isophorone	9.340	82	323252	16.272	ng/u1	98
25) 2-Nitrophenol	9.528	139	94131	18.904	ng/u1	94
26) 2,4-Dimethylphenol	9.599	107	180673	18.400	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.816	93	196303	16.257	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	161602	18.993	ng/u1	99
30) Naphthalene	10.440	128	521559	18.462	ng/u1	99
32) 4-Chloroaniline	10.581	127	202552	18.546	ng/u1	99
33) Hexachlorobutadiene	10.687	225	125942	19.741	ng/u1	99
34) Caprolactam	11.393	113	49345m	18.826	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	167522	18.113	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	353472	18.228	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	361425	18.122	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	223163	19.848	ng/ul	96
40) Hexachlorocyclopentadiene	12.387	237	111597	18.973	ng/ul	97
41) 2,4,6-Trichlorophenol	12.710	196	134870	18.983	ng/ul	97
42) 2,4,5-Trichlorophenol	12.798	196	137922	18.348	ng/ul	100
43) 1,1'-Biphenyl	13.081	154	468102	18.500	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	380893	18.857	ng/ul	100
45) 2-Nitroaniline	13.375	65	98687	17.667	ng/ul	95
47) Dimethylphthalate	13.722	163	470544	18.426	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	95448	18.695	ng/ul	95
50) Acenaphthylene	13.987	152	597445	18.672	ng/ul	99
51) 3-Nitroaniline	14.234	138	89765	20.204	ng/ul	92
52) Acenaphthene	14.334	153	400110	18.840	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	51786	19.314	ng/ul	93
55) 4-Nitrophenol	14.604	109	54583	18.738	ng/ul#	80
56) Dibenzofuran	14.681	168	554380	19.062	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	143452	20.468	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.928	232	127834	19.859	ng/ul	91
59) Diethylphthalate	15.110	149	454337	17.802	ng/ul	99
61) Fluorene	15.345	166	456311	19.228	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	248401	19.289	ng/ul	96
63) 4-Nitroaniline	15.416	138	85918	23.352	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.475	198	81796	17.344	ng/ul#	99
67) N-Nitrosodiphenylamine	15.563	169	380127	17.760	ng/ul	97
68) 4-Bromophenyl-phenylether	16.257	248	162882	18.906	ng/ul	96
69) Hexachlorobenzene	16.375	284	197630	20.007	ng/ul#	92
70) Atrazine	16.557	200	147496	18.908	ng/ul	99
71) Pentachlorophenol	16.757	266	133897	24.957	ng/ul	99
72) Phenanthrene	17.139	178	723556	18.976	ng/ul	99
74) Anthracene	17.239	178	729438	18.765	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.045	216	220742	18.764	ng/ul	97
76) Pentachlorobenzene	14.598	250	226886	19.409	ng/ul	97
77) Carbazole	17.545	167	646419	20.343	ng/ul	99
78) Di-n-butylphthalate	18.098	149	749868	17.104	ng/ul	100
80) Fluoranthene	19.239	202	886209	14.585	ng/ul	97
82) Pyrene	19.616	202	926961	14.992	ng/ul	97
83) Butylbenzylphthalate	20.557	149	370416	14.379	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.457	252	378857	20.373	ng/ul	98
85) Benzo(a)anthracene	21.527	228	1019095	17.876	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	525660	14.179	ng/ul	99
87) Chrysene	21.592	228	948006	17.896	ng/ul	99
89) Di-n-octyl phthalate	22.674	149	958779	14.223	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	1114811	18.002	ng/ul	99
91) Benzo(k)fluoranthene	23.868	252	1111600	17.987	ng/ul	98
93) Benzo(a)pyrene	24.698	252	1043824	17.837	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.609	276	1403782m	18.616	ng/ul	
95) Dibenzo(a,h)anthracene	28.650	278	1162310	18.614	ng/ul	97
96) Benzo(g,h,i)perylene	29.792	276	1126608	18.345	ng/ul	96

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

