

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
 Data File : BP020036.D
 Acq On : 19 Apr 2024 21:12
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV615

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 20 01:42:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	91132	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	387053	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	267218	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	593460	20.000	ng/u1	0.01
79) Chrysene-d12	21.675	240	584797	20.000	ng/u1	0.02
88) Perylene-d12	25.057	264	637946	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	18438	8.290	ng/uL	0.00
4) Pyridine-d5	3.634	84	136530	20.855	ng/u1	0.00
7) Phenol-d5	6.822	99	165117	20.789	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	116346	20.957	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	115033	21.212	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	131920	21.263	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	60260	21.644	ng/u1	0.00
24) 2-Nitrophenol-d4	9.511	143	66002	21.931	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	128968	21.602	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	175095	21.969	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	405650	22.213	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	459624	21.116	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	66228	23.823	ng/u1	0.00
60) Fluorene-d10	15.345	176	344408	21.186	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.493	200	71436	20.604	ng/u1	0.00
73) Anthracene-d10	17.269	188	554921	20.872	ng/u1	0.00
81) Pyrene-d10	19.675	212	674274	21.455	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.816	264	648229	20.801	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	21511	8.604	ng/uL	97
5) Pyridine	3.652	79	141289	20.844	ng/u1	97
6) Benzaldehyde	6.811	77	116462	24.528	ng/u1	99
8) Phenol	6.852	94	175963	21.024	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.081	93	140451	20.551	ng/u1	99
12) 2-Chlorophenol	7.205	128	123044	21.533	ng/u1	95
13) 2-Methylphenol	8.081	108	127213	20.740	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.158	45	213067	21.331	ng/u1	99
16) Acetophenone	8.464	105	225768	21.243	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	131413	21.168	ng/u1	99
18) 4-Methylphenol	8.405	108	137232	21.026	ng/u1	95
19) Hexachloroethane	8.693	117	59389	21.115	ng/u1	96
22) Nitrobenzene	8.840	77	193689	21.347	ng/u1	99
23) Isophorone	9.358	82	364004	21.615	ng/u1	99
25) 2-Nitrophenol	9.540	139	72535	22.628	ng/u1	95
26) 2,4-Dimethylphenol	9.599	107	165296	21.555	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	200338	21.217	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	125129	21.524	ng/u1	99
30) Naphthalene	10.458	128	420713	20.961	ng/u1	100
32) 4-Chloroaniline	10.593	127	172340	21.795	ng/u1	99
33) Hexachlorobutadiene	10.728	225	98896	20.688	ng/u1	98
34) Caprolactam	11.405	113	42517m	23.335	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	155780	22.351	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	290899	20.993	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	290925	21.142	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.457	216	177089	20.335	ng/ul	97
40) Hexachlorocyclopentadiene	12.422	237	92040	18.346	ng/ul	99
41) 2,4,6-Trichlorophenol	12.716	196	110691	21.213	ng/ul	95
42) 2,4,5-Trichlorophenol	12.799	196	114962	21.195	ng/ul	96
43) 1,1'-Biphenyl	13.128	154	398779	20.816	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	318909	20.838	ng/ul	98
45) 2-Nitroaniline	13.399	65	115543	23.238	ng/ul	99
47) Dimethylphthalate	13.781	163	414114	22.083	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	80363	22.710	ng/ul	99
50) Acenaphthylene	14.034	152	515407	21.006	ng/ul	98
51) 3-Nitroaniline	14.257	138	78981	23.581	ng/ul	99
52) Acenaphthene	14.381	153	340792	21.071	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	43422	20.406	ng/ul	95
55) 4-Nitrophenol	14.575	109	71872	22.692	ng/ul	97
56) Dibenzofuran	14.734	168	470928	21.090	ng/ul	100
57) 2,4-Dinitrotoluene	14.728	165	118768	23.709	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.969	232	105288	22.415	ng/ul	97
59) Diethylphthalate	15.187	149	421615	22.389	ng/ul	99
61) Fluorene	15.404	166	393612	21.334	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	208249	20.774	ng/ul	98
63) 4-Nitroaniline	15.457	138	74142	24.932	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.504	198	74901	20.785	ng/ul	94
67) N-Nitrosodiphenylamine	15.628	169	331734	20.208	ng/ul	96
68) 4-Bromophenyl-phenylether	16.328	248	131968	20.276	ng/ul	97
69) Hexachlorobenzene	16.434	284	144310	20.482	ng/ul	97
70) Atrazine	16.634	200	130356	21.624	ng/ul	95
71) Pentachlorophenol	16.810	266	87682	20.532	ng/ul	98
72) Phenanthrene	17.210	178	640150	20.774	ng/ul	99
74) Anthracene	17.298	178	658728	20.960	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	179628	19.092	ng/uL	97
76) Pentachlorobenzene	14.640	250	170657	19.275	ng/uL	100
77) Carbazole	17.604	167	577331	21.438	ng/ul	99
78) Di-n-butylphthalate	18.204	149	721026	22.192	ng/ul	99
80) Fluoranthene	19.322	202	785076	21.248	ng/ul	100
82) Pyrene	19.704	202	827071	21.515	ng/ul	99
83) Butylbenzylphthalate	20.686	149	337795	23.046	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.580	252	279793	21.637	ng/ul	98
85) Benzo(a)anthracene	21.651	228	860155	21.264	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	488413	21.616	ng/ul	99
87) Chrysene	21.716	228	791853	20.786	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	939670	23.832	ng/ul	100
90) Benzo(b)fluoranthene	23.980	252	972761	25.301	ng/ul	99
91) Benzo(k)fluoranthene	24.051	252	1010148	25.628	ng/ul	99
93) Benzo(a)pyrene	24.886	252	762283	20.575	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.892	276	890152m	20.720	ng/ul	
95) Dibenzo(a,h)anthracene	28.992	278	732654	20.930	ng/ul	98
96) Benzo(g,h,i)perylene	30.092	276	710404m	20.674	ng/ul	

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

