

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032824\
 Data File : BP020028.D
 Acq On : 29 Mar 2024 04:05
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020769

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :Jagrut Upadhyay 03/29/2024

Quant Time: Mar 29 04:52:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 14:08:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	139573	20.000	ng/u1	0.00
20) Naphthalene-d8	10.352	136	626637	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.234	164	454388	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	987774	20.000	ng/u1	-0.01
79) Chrysene-d12	21.545	240	833295	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	787750	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	26238	8.237	ng/uL	0.00
4) Pyridine-d5	3.634	84	196618	20.441	ng/u1	0.00
7) Phenol-d5	6.799	99	247802	21.051	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	171998	22.427	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	177232	20.965	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	208263	22.868	ng/u1	0.01
21) Nitrobenzene-d5	8.763	128	97085	20.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	112279	20.893	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.993	165	210496	21.448	ng/u1	0.00
31) 4-Chloroaniline-d4	10.510	131	284270	22.219	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	692109	21.725	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	761536	20.463	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.481	143	105436	21.052	ng/u1	0.00
60) Fluorene-d10	15.263	176	585525	21.575	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	121766	20.594	ng/u1	-0.02
73) Anthracene-d10	17.181	188	911000	20.835	ng/u1	0.01
81) Pyrene-d10	19.575	212	1052939	21.537	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	783673	20.707	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	30089	8.277	ng/uL	99
5) Pyridine	3.652	79	201459	20.548	ng/u1	91
6) Benzaldehyde	6.793	77	161746	27.787	ng/u1	98
8) Phenol	6.828	94	261290	21.231	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.063	93	218481	21.921	ng/u1	97
12) 2-Chlorophenol	7.187	128	185552	20.827	ng/u1	94
13) 2-Methylphenol	8.046	108	199775	22.518	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.122	45	323998	23.641	ng/u1	99
16) Acetophenone	8.428	105	348643	23.733	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.410	70	204497	24.959	ng/u1	98
18) 4-Methylphenol	8.369	108	216598	22.683	ng/u1	100
19) Hexachloroethane	8.652	117	87350	21.109	ng/u1	97
22) Nitrobenzene	8.805	77	292717	21.396	ng/u1	99
23) Isophorone	9.310	82	577428	22.643	ng/u1	100
25) 2-Nitrophenol	9.493	139	118449	21.143	ng/u1	95
26) 2,4-Dimethylphenol	9.552	107	258948	21.174	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.793	93	332001	22.264	ng/u1	100
29) 2,4-Dichlorophenol	10.028	162	203980	21.246	ng/u1	99
30) Naphthalene	10.404	128	668220	20.786	ng/u1	99
32) 4-Chloroaniline	10.540	127	276188	21.996	ng/u1	98
33) Hexachlorobutadiene	10.669	225	152954	20.215	ng/u1	100
34) Caprolactam	11.340	113	70906m	23.759	ng/u1	
35) 4-Chloro-3-methylphenol	11.663	107	254420	23.855	ng/u1	97
36) 2-Methylnaphthalene	12.028	142	476653	22.269	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.246	142	473698	22.128	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.393	216	289608	19.278	ng/u1	100
40) Hexachlorocyclopentadiene	12.351	237	155924	18.342	ng/u1	98
41) 2,4,6-Trichlorophenol	12.646	196	185100	20.056	ng/u1	99
42) 2,4,5-Trichlorophenol	12.722	196	198220	20.765	ng/u1	99
43) 1,1'-Biphenyl	13.051	154	657564	19.983	ng/u1	99
44) 2-Chloronaphthalene	13.093	162	523788	19.738	ng/u1	98
45) 2-Nitroaniline	13.328	65	189777	22.704	ng/u1	97
47) Dimethylphthalate	13.704	163	708269	22.026	ng/u1	99
48) 2,6-Dinitrotoluene	13.834	165	143409	21.965	ng/u1	94
50) Acenaphthylene	13.945	152	863120	20.739	ng/u1	100
51) 3-Nitroaniline	14.175	138	137825	22.922	ng/u1	90
52) Acenaphthene	14.293	153	562192	20.334	ng/u1	100
53) 2,4-Dinitrophenol	14.387	184	75370	20.284	ng/u1	98
55) 4-Nitrophenol	14.498	109	100989	21.973	ng/u1	91
56) Dibenzofuran	14.645	168	787116	20.963	ng/u1	96
57) 2,4-Dinitrotoluene	14.634	165	205237	22.992	ng/u1	91
58) 2,3,4,6-Tetrachlorophenol	14.887	232	178859	21.849	ng/u1#	98
59) Diethylphthalate	15.098	149	719486	22.563	ng/u1	98
61) Fluorene	15.316	166	656842	21.448	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.328	204	357162	21.774	ng/u1	99
63) 4-Nitroaniline	15.363	138	130190	25.353	ng/u1	94
66) 4,6-Dinitro-2-methylph...	15.410	198	129014	20.560	ng/u1	92
67) N-Nitrosodiphenylamine	15.551	169	564252	20.681	ng/u1	98
68) 4-Bromophenyl-phenylether	16.234	248	219969	20.519	ng/u1	95
69) Hexachlorobenzene	16.334	284	246760	20.729	ng/u1	99
70) Atrazine	16.539	200	222569	21.291	ng/u1	100
71) Pentachlorophenol	16.710	266	146558	21.002	ng/u1	99
72) Phenanthrene	17.116	178	1047421	20.510	ng/u1	100
74) Anthracene	17.222	178	1075759	20.745	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	293862	18.247	ng/uL	98
76) Pentachlorobenzene	14.563	250	282822	18.963	ng/uL	99
77) Carbazole	17.510	167	922263	20.799	ng/u1	100
78) Di-n-butylphthalate	18.098	149	1219340	22.023	ng/u1	99
80) Fluoranthene	19.228	202	1245374	21.686	ng/u1	98
82) Pyrene	19.610	202	1284385	21.520	ng/u1	99
83) Butylbenzylphthalate	20.580	149	521963	21.537	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.457	252	310521	17.523	ng/u1	99
85) Benzo(a)anthracene	21.522	228	1189101	20.620	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.480	149	745939	21.064	ng/u1	99
87) Chrysene	21.592	228	1114558	20.789	ng/u1	98
89) Di-n-octyl phthalate	22.757	149	1215974	24.338	ng/u1	100
90) Benzo(b)fluoranthene	23.792	252	1026735	22.231	ng/u1	100
91) Benzo(k)fluoranthene	23.868	252	1008569	21.489	ng/u1	99
93) Benzo(a)pyrene	24.680	252	930629	20.831	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	28.574	276	974386m	17.317	ng/u1	
95) Dibenzo(a,h)anthracene	28.674	278	810982	17.718	ng/u1	98
96) Benzo(g,h,i)perylene	29.745	276	761123m	16.746	ng/u1	

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

